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THE

LAKE DWELLINGS OF SWITZERLAND &c.

VOL. II.

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Frontispiece Vol. II.

PILES OF THE LAKE DWELLING OF MÖRINGEN.

(Bronze Age.)

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THE

LAKE DWELLINGS

OF

SWITZERLAND AND OTHER PARTS OF EUROPE

BY

DR FERDINAND KELLER

PRESIDENT OF THE ANTIQUARIAN ASSOCIATION OF ZÜRICH

SECOND EDITION, GREATLY ENLARGED

TRANSLATED AND ARRANGED

BY

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IN TWO VOLUMES

VOL. II.—PLATES, WITH EXPLANATIONS

LONDON

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EXPLANATION OF THE PLATES.

FRONTISPIECE. VOL. II.

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Fig. 1. Stag's horn handle, St. Aubin, p. 459.—2. Worked horn of the elk, Lake of Bienne, p. 156.—3. Horse's bit, of stag's horn, Estavayer, p. 262.—4. Stag's horn implement, hollowed out, St. Aubin, p. 459.—5. Bone lance-head, St. Aubin, p. 459.—6. Lance-head of stag's horn, St. Aubin, p. 459.—7. Goblet of stag's horn, St. Aubin, p. 459.—8, 9. Horse's bit, of stag's horn, Möringen, p. 174.—10. Small hammer of stag's horn, Sutz, p. 449.—11. Bear's tooth perforated, St. Aubin, p. 459.—12. Ornament for suspension made of boar's tusk, Möringen, p. 186.—13, 14. Wolves' teeth, St. Aubin, p. 459.—15. Ornament for suspension, stag's horn, St Aubin, p. 459.

Pl. XLVI. Estavayer, &c.

Fig. 1. Bronze sword, Estavayer, p. 684.—2. Bronze sword, Cortaillod, p. 234.—3. Bronze sword, Möringen, p. 158.—4. Point of a large bronze hook, Möringen, p. 165.—5. Bronze sword with a handle, Auvernier, p. 239.—6. Bronze arrow-head, Möringen, p. 161.—7. Bronze 'ferrule,' Möringen, p. 180.—8. Bronze lance-head, Auvernier, p. 240.—9. Bronze lance-head, Gerlafingen, p. 452.

Pl. XLVII. Möringen, &c.

Fig. 1. Bronze sword, Concise, p. 684.—2. Bronze sword, Palafitte Forel, p. 684.—3. Bronze sword, Zihl. Nidau, p. 147.—4. End of a bronze sword used as a lance, Möringen, p. 161.—5. Bronze lance-head, Möringen, p. 180.—6. Bronze arrow-head, Estavayer, p. 262.—7. Dagger of bronze, Gerlafingen, p. 452.—8. Fragment of an implement, use unknown, Estavayer, p. 262.—9. Bronze arrow-head, Möringen, p. 161.—10. Bronze end of a sword-sheath, Möringen, p. 159.—11. Bronze arrow-head, socketed, Möringen, p. 161.

Pl. XLVIII. Auvernier.

Fig. 1. Handle of bronze sword, Auvernier, p. 239.—2. Handle of bronze sword, Auvernier, p. 238.

Pl. XLIX. Möringen, &c.

Fig. 1. Handle of bronze sword inlaid with iron, Möringen, p. 159.—2. Bronze sword-handle, the blade of iron, Möringen, p. 159.—3. Bronze sword-handle, Cortaillod, p. 234.

Pl. L. Auvernier, &c.

Fig. 1. Bronze knife (*a*, *b* section), Auvernier, p. 240.—2. Knife and handle of bronze, Möringen, p. 163.—3. Bronze knife with a stag's horn handle, Möringen, p. 163.—4. Bronze ornament for suspension, Corcelettes, p. 281.—5. Knife and handle of bronze, Auvernier, p. 241.—6. Knife and handle of bronze, Auvernier, p. 240.

Pl. LI. Auvernier, &c.

Fig. 1. Ornamented bronze knife, Colombier, p. 457.—2. Ornamented bronze knife, Auvernier, p. 246.—3. Knife and handle of bronze, Möringen, p. 163.—4. Knife with a stag's horn handle, Möringen, p. 164.—5. Knife and handle of bronze, Möringen, p. 164.—6. Socketed bronze knife, Colombier, p. 457.

Pl. LII. Möringen.

Fig. 1. Bronze cutting implement, Möringen, p. 164.—2. Bronze cutting implement, Möringen, p. 164.—3. Bronze cutting implement with stag's horn handle, Möringen, p. 164.—4. Bronze cutting implement, Möringen, p. 164.—5. Bronze cutting implement, Möringen, p. 164.—6. Bronze cutting implement, Möringen, p. 164.

Pl. LIII. Auvernier, &c.

Fig. 1. Bronze cutting implement, Möringen, p. 164.—2. Bronze cutting implement, Auvernier, p. 684.—3. Bronze cutting implement, Auvernier, p. 684.—4. Bronze cutting implement, Auvernier, p. 684.—5. Bronze cutting implement, Möringen, p. 164.—6. Bronze cutting implement, Corcelettes, p. 281.

Pl. LIV. Möringen.

Figs. 1 and 1 *a*, 1 *b*, 1 *c*. Wooden handle of a bronze sickle, Möringen, p. 162.

Pl. LV. Auvernier, &c.

Fig. 1. Bronze ornamented gouge, Auvernier, p. 241.—2. Bronze chisel, Möringen, p. 180.—3. Bronze gouge, Auvernier, p. 241.—4. Bronze socketed chisel, Auvernier, p. 241.—5. Bronze hammer, Auvernier, p. 241.—6. Bronze hammer, Auvernier, p. 246.—7. Bronze anvil, Auvernier, p. 241.—8. Bronze hammer, Möringen, p. 165.—9. Bronze hammer, Auvernier, p. 241.—10. Bronze saw, Möringen, p. 165.

Pl. LVI. Möringen, &c.

Fig. 1. Bronze fibula, Möringen, p. 170.—2. Bronze fibula, Möringen, p. 170.—3. Ornament for suspension, bronze, Island of St. Peter, p. 454.—4. Small bronze chain, Island of St. Peter, p. 454.—5. Girdle buckle (?) Möringen, p. 169.—6. Bronze ornament for suspension, Möringen, p. 172.—7. Bronze ornament for suspension, Möringen, p. 172.

Pl. LVII. Auvernier, &c.

Fig. 1. Part of a bronze girdle buckle, Möringen, p. 169.—2. Bronze ornament, Auvernier, p. 243.—3. Bronze ornament, Auvernier, p. 243.—4. Bronze implement, use unknown, Auvernier, p. 243.—5. Amber bead, Möringen, p. 173.—6. Bronze ornament for suspension, Möringen, p. 172.—7. Bronze ornament, Auvernier, p. 246.—8. Bronze ornament, Auvernier, p. 243.—9. Gold ornament, Möringen, p. 173.—10. Bronze ornament, Auvernier, p. 243.—11. Bronze ornament, Corcelettes, p. 281.—12. Bronze ornament, Corcelettes, p. 281.—13. Bronze ornament, Corcelettes, p. 281.

Pl. LVIII. Auvernier, Möringen, &c.

Fig. 1. Bronze ear-pendant, Auvernier, p. 243.—2. Ornament for suspension, Möringen, p. 172.—3. Fibula of bronze, Nidau, p. 147.—4. Bronze spiral, Möringen, p. 180.—5. Bronze repoussée plate, Möringen, p. 180.—6. Bronze ornament for suspension, Auvernier, p. 684.—7, 8. Ferrules (?) for a bronze knife handle, Auvernier, p. 240.—9. Bronze fibula, Sutz, p. 449.—10. Bronze spatula, Möringen, p. 161.—11. Bronze pins in a case, Möringen, p. 170.—12. Bronze awl in a wooden handle, Möringen, p. 165.—13. Bronze spoon, Lüscherz, p. 200.—14. Bronze repoussée plate, Auvernier, p. 246.—15. Bronze vessel, Möringen, p. 180.—16. Bronze hammer, Möringen, p. 165.—17. Bronze implement, use unknown, Möringen, p. 180.—18. Gold finger-ring, Möringen, p. 180.—19. Small gold rosette, St. Aubin, p. 459.—20, 21. Gold ornaments, St. Aubin, p. 459.

Pl. LIX. Auvernier, Möringen, &c.

Fig. 1. Bronze finger-ring, Auvernier, p. 243.—2. Bronze stud, Cortaillod, p. 234.—3. Bronze ear-ring, Möringen, p. 180.—4. Bronze finger-ring, Möringen, p. 180.—5. Bronze crescent ornament, Cortaillod, p. 234.—6, 7. Bronze fibulæ, Möringen, pp. 170 and 180.—8, 9. Copper chisels, Gerlafingen, p. 452.—10. Bronze ornamented sickle, Möringen, p. 162.—11. Bronze twisted bar, Möringen, p. 180.—12. Bronze celt without an ear, Auvernier, p. 162.—13. Bronze ornamented socketed celt, Auvernier, p. 240.—14. Bronze chisel with circular rings, Möringen, p. 180.—15. Bronze pliers, Möringen, p. 684.—16. Bronze ear pendant, Möringen, p. 172.—17. Bronze ornament, Auvernier, p. 246.—18. Round bell of bronze, Möringen, p. 180.

Pl. LX. Möringen, &c.

Fig. 1. Bronze implement, use unknown (dagger ?), Möringen, p. 161.—2. Bronze hair-pin with double shank, Gerlafingen, p. 452.—3. Bronze hair-pin, Auvernier, p. 246.—4. Bronze fibula, Möringen, p. 170.

Pl. LXI. Auvernier, &c.

Fig. 1. Bronze hair-pin with the head flattened, Bevaix, p. 457.—2. Bronze hair-pin with a hollow head, Nidau, p. 147.—3. Bronze hair-pin with gold plates set in the head, Auvernier, p. 242.—4. Bronze hair-pin, the head ornamented with silver, Estavayer, p. 262.—5. Bronze hair-pin ornamented, Möringen, p. 170.—6. Bronze hair-pin ornamented, Auvernier, p. 246.

Pl. LXII. Möringen and Auvernier.

Fig. 1. Bronze armilla, Möringen, p. 180.—2. Bronze armilla, Möringen, p. 180.—3. Bronze armilla, Auvernier, p. 242.—4. Bronze armilla, Auvernier, p. 242.

Pl. LXIII. Auvernier, &c.

Fig. 1. Bronze armilla, Auvernier, p. 246.—2. Bronze armilla, Auvernier, p. 242.—3. Bronze torque, Auvernier, p. 242.—4. Bronze armilla, Möringen, p. 180.—5. Bronze armilla, Möringen, p. 180.

Pl. LXIV. Estavayer, &c.

Fig. 1. Bronze armilla, Estavayer, p. 262.—2. Bronze armilla, Möringen, p. 171.—3. Bronze armilla, Auvernier, p. 243.—4. Bronze armilla, Auvernier, p. 242.—5. Bronze armilla, Möringen, p. 171.

Pl. LXV.[1] Möringen, Auvernier, &c.

Fig. 1. Bronze armilla, Möringen, p. 171.—2. Bronze armilla, Auvernier, p. 684.—3. Bronze armilla, Auvernier, p. 243.—4. Bronze armilla, Auvernier, p. 243.—5. Bronze armilla, Auvernier, p. 243.—6. Bronze armilla, Auvernier, p. 242.

Pl. LXVI. Auvernier, &c.

Fig. 1. Bronze armilla, ornamented both inside and out, Auvernier, p. 243.—2. Bronze armilla, inlaid with iron bands, Möringen, p. 172.—3, 4. Bronze armilla, or ear-rings, Möringen, p. 180.—5. Bronze armilla, Möringen, p. 180.—6. Bronze armilla, Auvernier, p. 246.

Pl. LXVII. Möringen, &c.

Fig. 1. Bronze armilla, Bevaix, p. 457.—2. Bronze armilla, Auvernier, p. 243.—3, 4. Bronze ornamented armilla, Auvernier, p. 243.—5. Bronze armilla for a child, Auvernier, p. 243.—6. Bronze armilla, Möringen, p. 180.

Pl. LXVIII. Morges.

Fig. 1. Hollow bronze ring, p. 309.—2. Smaller solid ring, p. 310.—3. Great bronze hook, p. 310.

Pl. LXIX. Morges, Auvernier.

Fig. 1. Bronze armilla, Morges, p. 310.—2, 2 *a*, 2 *b*. Hollow bronze ring, Auvernier, p. 246.—3. Curved knife for under cutting (?) Morges, p. 310.

Pl. LXX. Möringen, &c.

Fig. 1. Horse's bit, bronze, Möringen, p. 173.—2. Horse's bit, of iron, Möringen, p. 174.—3. Horse's bit, of bronze, Auvernier, p. 244.—4. Horse's bit, of bronze, Auvernier, p. 244.—5. Horse's bit, of bronze, Möringen, p. 174.

Pl. LXXI. Möringen, Auvernier, &c.

Fig. 1. Umbo of a shield, bronze, or part of harness, Auvernier, p. 244.—2. Bronze implement, use unknown, Möringen, p. 173.—3. Hollow cylinder of bronze, Auvernier, p. 241.—4. Bronze implement, use unknown, La Broie, p. 465.—5. Bronze implement, use unknown, Estavayer, p. 262.

[1] In this plate, and in one or two others, there appears in some few cases (probably an error of the printer) to be a slight discrepancy as to localities between the short list of objects given in the Swiss report and the letterpress description; in these instances the letterpress or full description has been followed, as being more likely to be correct.—[Tr.]

Pl. LXXII. Auvernier and Möringen.

Figs. 1, 2. Ornamental discs in cast bronze, Auvernier, p. 244.—3, 4, 5. Ornamental discs of repoussé bronze, Möringen, pp. 175 and 180.

Pl. LXXIII. Möringen, Auvernier, &c.

Fig. 1, 2. Ornamental discs of repoussé bronze, Möringen, pp. 174 and 175.—3. Discs of cast bronze, Auvernier, p. 244.—4. Bronze ornament, Möringen, p. 180.—5. Bronze ornament, Auvernier, p. 246—6. Bronze ornament, Möringen, p. 180.—7. Bronze rings on a ring of tin, Estavayer, p. 262.—8. Ornamental bronze disc, Möringen, p. 174.—9. Bronze ornament, Auvernier, p. 246.—10. Hollow bronze ring, Auvernier, p. 239.—11. Bronze ornamental disc, Möringen, p. 180.

Pl. LXXIV. Möringen.

Fig. 1. Mould for a socketed knife, p. 167.—2. Mould for a knife with a tang, p. 167.—3. Mould for a lance-head, p. 168.—4 *a* and *b*. Mould for a hammer, p. 167.—5. Mould for pins, p. 168.—6. Fragment of a pipe, p. 168.

Pl. LXXV. Möringen and Auvernier.

Fig. 1 *a* and *b*. Mould for a chisel, Möringen, p. 166.—2. Fragment of a mould for a bracelet, Auvernier, p. 244.—3. Clay crucible, Möringen, p. 168.—4. Bored stone implement, Auvernier, p. 246.—5. Mould for a sickle, Möringen, p. 167.—6. Fragment of a mould for a celt, Möringen, p. 167.

Pl. LXXVI. Möringen and Auvernier.

Fig. 1. Large earthenware painted plate, Möringen, p. 176.—2, 5. Ornamented vessels, Auvernier, p. 246.

Pl. LXXVII. Auvernier, &c.

Figs. 1, 2, 3, 4, 5. Earthenware vessels of the stone age, Lüscherz, pp. 194 and 200.—6, 7. Fragments of rings, Auvernier, p. 246.—8. Vessel of the bronze age, Lüscherz, p. 200.—9, 9 *a*. Vessel with a spout at the side, Estavayer, p. 262.—10. Fragment of pottery, ornamented with circles, Auvernier, p. 246.—11. Stone mould for making pottery, Auvernier, p. 245.—12. Perforated stone, use unknown, Auvernier, p. 246.—13. Fragment of cullender of earthenware, Auvernier, p. 246.

Pl. LXXVIII. Auvernier, &c.

Fig. 1. Figure of a mole, child's toy, Auvernier, p. 245.—2. Figure of a bird, child's toy, Auvernier, p. 246.—3, 4. Child's toys, earthenware cups, Möringen, p. 175.—5. Earthenware vessel, Auvernier, p. 245.—6. Earthenware cup, Auvernier, p. 246.—7. Earthenware vessel, with a division (for salt, &c.), Möringen, p. 175.

Pl. LXXIX. Auvernier, &c.

Figs. 1, 2. Child's toy, earthenware, Möringen, p. 176.—3. Child's toy (?) of earthenware, Möringen, p. 180.—4. Child's cup, Auvernier, p. 246.—5. Earthenware vessel, with a division for salt, &c., Möringen, p. 175.—6. Earthenware vessel, with two connecting tubes, Auvernier, p. 245.

Pl. LXXX.

Figs. 1 to 4, 6, 8 to 11. Crescents of earthenware, from various lake dwellings, p. 502.—Figs. 5 and 7 are from the mainland station of Ebersberg, p. 558, &c.

Pl. LXXXI.

Figs. 1 to 12. Crescents of earthenware from various lake dwellings. p. 502.

Pl. LXXXII.

Fig. 1. Plan, and fig. 2. View of the tomb at Auvernier, p. 249.

Pl. LXXXIII. Auvernier, &c.

Figs. 1 and 8. Flint saws in wooden handles, St. Aubin, p. 459.—2. Ornamented wooden staff, Möringen, p. 179.—3. Wooden implement, Auvernier, p. 242.—4 and 6. Wooden implement, Lüscherz, p. 198.—5. Netting needle (?), Möringen, p 179.—7. Pebble enclosed in a covering of bark, Lüscherz, p. 196. —9. Child's toy, wooden boat, Gerlafingen, p. 452.

Pl. LXXXIV. Tomb at Auvernier.

Fig. 1. Stone celt, p. 251.—2 to 5. Perforated teeth, p. 251.—6. Bone disc, p. 251.—7. Copper bead, p. 251.—8. Amber bead, p. 252.—9 and 10. Bronze armillæ, p. 252.—11. Bronze pin, p. 251.—12. Small bronze ring, p. 251.—13. Bronze knob or pendant, p. 252.

Pl. LXXXV. Möringen and Auvernier.

Figs. 1 to 12. Spindle-whorls from Möringen and Auvernier, pp. 169 and 245.

Pl. LXXXVI. Vingelz.

Figs. 1 to 6. Oak canoe, p. 224.

Pl. LXXXVII. Cudrefin, &c.

Figs. 1 and 2. Canoe of poplar wood, Vingelz, p. 224.—3, 4, 5. Small oak canoe, Cudrefin, p. 282.—6. Rod of wood wound round with thread, Lüscherz, p. 198.—7. Basketwork, Sutz, p. 449.

Pl. LXXXVIII. La Tène, Morges, Geneva, &c.

Fig. 1. Iron javelin-head, La Tène or Marin, p. 415.—2. Bronze knife, Thonon, p. 467.—3. Netting-hook of bronze, Morges, p. 310.—4, 5, and 6. Bronze pins, Geneva, p. 466.—7. Bronze hairpin, with a double head, Geneva, p. 466.—8. Flat tin ring, Geneva, p. 466.—9 and 10. Handles of bronze swords, Lake of Luissel, p. 467.—11. Bronze knife, Thonon, p. 467.—12. Mould for making rings, Geneva, p. 466.—13, 14, 15. Earthenware vessels, Geneva (?) p. 466.—16. Earthenware vessel, Nyon, p. 466.—17. Earthenware vessel, Geneva, p. 466.

Pl. LXXXIX. Geneva, Möringen, &c.

Fig. 1. Flint arrow-heads fixed to the shaft with asphalt, St. Aubin, p. 459. —2. Bronze celt, hafted with wood, Möringen, p. 180.—3. Bronze comb, Geneva, p. 466.—4 and 5. Crescents, Geneva, p. 466.—6. Bronze ring, Möringen, p. 180.

—7, 8. Socketed bronze celt, Morges, p. 310.—9. Bronze knife, Geneva, p. 466. —10. Fragment of ornamented pottery, Möringen, p. 180.—11. Bronze armilla, Geneva, p. 466.—12. Earthenware vessel, Geneva, p. 466.

Pl. XC. Sutz, Lattringen, &c.

Fig. 1. Stone hammer, Sutz, p. 447.—2. Iron lance-heads, Sutz, p. 447.—3. Bronze dagger, Lattringen, p. 450.—4. Bronze sword, Sutz, p. 447.—5. Gold ornament, Little Island, p. 455.—6. Cup of wood with handle, Möringen, p. 155. —7. Bronze sword, between Sutz and Lattringen, p. 447.—8. Bronze crescent implement, Möringen, p. 155.—9. Bronze knife, Möringen, p. 155.—10 and 11, Oak lances, Sutz, p. 447.—12. Bronze hook, Scheuss, p. 456.—13. Bronze hook, Lattringen, p. 450.—14. Bronze hook, Sutz, p. 447.—15. Bronze pin, Scheuss, p. 456.—16. Crescent of earthenware, Möringen, p. 155.

Pl. XCI. Cortaillod, &c.

Figs. 1 to 4. Fragments of earthenware vessels ornamented with tin, Estavayer, p. 265.—5. Earthenware vessel, also ornamented with tin, Cortaillod, p. 230.

Pl. XCII. Cortaillod.

(All bronze.)

Fig. 1. 'Neck' of a casting, p. 232.—2, 3. Armillæ, p. 232.—4, 5. Chariot wheel, p. 231.—6, 7, 8. Crescent implements, p. 232.—9. Arrow-head, p. 232.

Pl. XCIII. Cortaillod.

(All bronze, except figs. 11, 12, 14 to 16.)

Figs. 1, 2, 3. Ornaments for suspension, p. 232.—4. Armilla, p. 232.—5. Ring, p. 232.—6, 7.—Portions of armilla (?) p. 232.—8. Crescent cutting implement, p. 232.—9. Section of Pl. XCII. fig. 3. p. 232.—10. Armilla, p. 232.—11, 12. Ear-ring of gold, p. 233.—13. Bronze hook, p. 232.—14. String of beads of bluish-white glass, p. 233.—15. Bronze ear-ring, the drop earthenware, p. 232. —16. Bone (netting) implement, p. 233.

Pl. XCIV. Auvernier, &c.

Fig. 1. Bronze lance-head, Auvernier, p. 236.—2. Bronze ring, Auvernier, p. 236.—3. Bronze implement, Corcelettes, p. 280.—4. Bronze knife, Concise, p. 280.—5. Bronze knife, Corcelettes, p. 280.—6. Bronze knife, Bevaix, p. 457. —7. Iron lance-head, near Zihlbrücke, p. 462.—8 to 12, 14 to 20. Bronze pins, Corcelettes, pp. 280 and 281.—13 and 21. Bronze pins, Cortaillod, p. 232.—22. Hairpin of stag's horn, Concise, p. 281.—23. Flint arrow-head, Auvernier, p. 236.—24. Bronze armilla, Corcelettes, p. 281.—25. Bronze armilla, Cortaillod, p. 232.—26. Earthenware drinking cup (in section), Auvernier, p. 236.—27. Bronze fish-hook, Auvernier, p. 236.—28. Bronze implement, Cortaillod, p. 233. —29. Horn-shaped earthenware vessel, Auvernier, p. 236.—30 to 34. Earthenware vessels, Auvernier, p. 237.—35. Mortar (?) of stone, Auvernier, p. 237.—36. Small bronze chisel, Auvernier, p. 237.

Pl. XCV. Estavayer.

Fig. 1. Bronze chisel, p. 259.—2. Bronze spiral, p. 260.—3 to 14. Bronze pins, pp. 257, 258, and 259.—15. Section of part of the cover, Pl. XCVI. fig. 1, p. 261.—16, 17, 21, 23. Bronze armillæ, p. 260.—18. Bronze ring, p. 260.—19, 20. Bronze button (?) p. 260.—22. Bronze spiral, p. 260.—24. Bronze fish-

hook, p. 260.—25. Flint arrow-head, p. 255.—26. Bronze arrow-head, p. 257. —27. Hammer of stag's horn, p. 255.—28. Bronze celt, p. 259.—29. Stone hammer, p. 256.—30. Celt of serpentine, p. 261.—31. Bronze sickle, p. 260.

Pl. XCVI. Estavayer, &c.

(All from Estavayer, except figs. 5 and 6.)

Fig. 1. Earthenware cover, ornamented with tin, p. 260.—2, 3. Bronze knives, p. 258.—4. Bronze dagger-blade, p. 260.—5. Hatchet of stag's horn, La Crasaz, p. 263.—6. Flint tongue, La Crasaz, p. 262.—7 to 15. Bronze knives, p. 258.

Pl. XCVII. Estavayer and Lake of Morat.

Fig. 1. Bar of tin, Estavayer, p. 264.—2. Bronze arrow-head, Est., p. 264.—3. Bronze saw, Est., p. 264.—4. Bronze ferrule, Est., p. 264.—5. Bronze armlet, Est., p. 265.—6. Bronze ornament, Est., p. 265.—7, 8. Disc of elk's horn, Est., p. 265.—9, 10. Bronze nail with socket, Est., p. 265.—11. Bronze boss, Est., p. 265.—12, 13. 'Slingstones,' Est., p. 265.—14. Tinned vessel (section) Lake of Morat (Guévaux), p. 464.—15. Earthenware vessel, Lake of Morat, p. 464.

Pl. XCVIII. and XCIX. Montellier.

The whole of the specimens drawn on these two plates consist of earthenware vessels and spindle-whorls, from Montellier, on the Lake of Morat, described pp. 291, 292, and 293.

Pl. C. Montellier.

Figs. 1, 2, 3. Fragments of a mould for casting rings (figs. 2 and 3 are the front and back of the same piece), p. 294.—4. Trellis-shaped implement of black earthenware, p. 293.—5. Fragment of pottery, ornamented with tin, p. 294.—6. Flint arrow-head, p. 294.—7. Bronze arrow-head, p. 294.—8 *a*, *b*, *c*. Fragment of a ring of tin, p. 294.—9. Small armlet of tin, p. 294.—10. Sewing needle of horn, p. 294.—11. Bronze ornament for suspension, p. 294.—12, 13. Bronze knobs, p. 294.—14. Bronze ornamented disc, p. 294.—15, 16. Bronze screws, p. 294.—17. Thin bronze plate, p. 294.—18. Fragment of bronze buckle, p. 294.—19. Bronze ring, p. 294.—20, 21, 22. Bronze fish-hooks, p. 294.—23. Bronze ornament in the shape of a crescent moon, p. 294.—24. Amber bead, p. 294.

Pl. CI. Montellier.

Fig. 1. Earthenware dish, perforated, p. 294.—2. Bronze knife, p. 294.

Pl. CII. Concise, &c.[1]

Fig. 1. Plan of the lake of Neuchâtel, in the neighbourhood of Yverdon, p. 266.—2. Section of the ground at Les Uttins, p. 266.—3. Plan of Concise harbour, p. 267.—4, 5, 6, 7, 8. Stag's horn haftings for celts, p. 268.—9, 10. Stone celt, p. 269.—11. Flint saw, p. 269.—12. Hatchet hammer of stag's horn,

[1] The objects drawn on this and the two following plates are described in M. Rochat's account of the lake dwellings in the neighbourhood of Yverdon, and apparently refer to the specimens in the interesting museum there. From his notice, which is given nearly in full in the present volume, it seems as if the whole of the objects drawn are from Concise, though this is not definitively stated; if, however, any of them are not from Concise, they must be from Corcelettes, and, as the two places are at no great distance apart, this small amount of uncertainty is of less importance.—[Tr.]

p. 269.—13. Hammer of stag's horn, p. 269.—14, 15, 16. Hatchet hammer of stag's horn, p. 269.—17. Bronze sword, p. 274.—18. Spiral bronze wire, p. 273. —19. Necklace bead (?) p. 273.—20. Bead of stag's horn, p. 273.

Pl. CIII. Concise, &c.

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Pl. CV.

Plan of the lake dwellings in the lakes of Neuchâtel, Bienne, and Morat.

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Pl. CVIII. Lake of Bourget.

(All bronze.)

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Pl. CXV. Terramara.

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Pl. CXVI. Terramara.

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Pl. CXVII.

N.B.—The specimens drawn on this plate are from the mainland; they are *for comparison* with those of the lake settlements.

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Cumarola, p. 393.—15 to 20. Vessels and fragments of earthenware, Sesto Calende, p. 393.—21 to 25. Stone celts and tools, Imola, p. 393.

Pl. CXVIII. Peschiera.

(All bronze.)

Figs. 1, 3, 4. Daggers, p. 365.—2, 5 to 9. Spear-heads, p. 365.—10 to 14, 16 to 22. Pins, p. 365.—15 and 23. Needles, p. 365.

Pl. CXIX. Peschiera.

Figs. 1, 2, 3. Small bronze harpoons, p. 365.—4, 11 to 14. Bronze pins, p. 365.—5. Bronze armilla, p. 365.—6, 9. Bronze spiral, p. 365.—7, 8. Bronze fibulæ, p. 365.—10. Bronze knife, p. 365.—15, 16, 17. Copper tools, p. 365.—18. Bronze tube engraved with spiral, p. 365.—19. Bronze celt or chisel, p. 365.—20. Granite disc (slingstone ?), p. 365.—21. Plan of Peschiera, p. 365.

Pl. CXX.

N.B.—This plate represents specimens drawn *for comparison* with those of the lake dwellings Figs. 1 to 28 are all drawings of *copper* implements from the mainland in Hungary, p. 363.

Pl. CXXI. Marin.

(All Iron.)

Figs. 1 to 9, 13. Fibulæ, p. 423.—10 to 12. Clasps of buckles, p. 423.

Pl. CXXII.

Figs. 1 to 5. Clasps of iron buckles, p. 423.—6. Ringed iron staple, p. 420.—7, 8, 9, 10, 11. Iron rings for buckles (?) p. 423.—12, 13, 15 to 21. Iron studs, knobs, or nails, p. 423.—14. Part of iron buckle (?), p. 423.—22. Part of iron buckle, p. 423.—23. Mat of flax or bast, p. 409.

Pl. CXXIII. Marin.

Figs. 1 to 5. Iron swords and sheaths, p. 410.—6, 7. Iron sickles, p. 423.—8. Steel for striking light (?), p. 421.—9, 10. Iron knives, p. 421.—11 to 16. Iron spear-heads, p. 415.—17. Small iron dagger (?), p. 421.—18. Three-pronged iron fork, p. 420.—19, 20. Iron hedging bills, p. 421.—21. Iron gouge, p. 421.—22, 23, 24. Iron celts and hatchet, p. 420.—25. Stone and iron anchor, p. 422.—26. Iron shears, p. 421.—27. Iron currycomb, p. 421.—28. Iron fibula, p. 423.

Pl. CXXIV. Marin.

(The late Col. Schwab's Museum.) N.B. The error of inserting &c. after Marin at the foot of this plate in the first edition has inadvertently been perpetuated in the present edition; *all* the specimens drawn on this plate are from Marin. Fig. 16, $\frac{1}{8}$; 1 to 3, $\frac{1}{4}$; 5, 13, 15, 18, 19, 24 to 27, $\frac{1}{3}$; 14, 17, $\frac{1}{2}$; 28, $\frac{3}{4}$; and the rest full size.

Figs. 1, 2 Iron spear-heads, p. 415 and 417.—3. Iron knife, p. 421.—4. Bone die, p. 409.—5. Iron bit, p. 409.—6. Part of blue glass armlet, p. 408.—7, 8, 9. Glass beads, pp. 408 and 409.—10. Bone ornament, p. 409.—11. Incised tooth, p. 409.—12. Glass ball (head of pin ?), p. 409.—13. Iron Roman key, p. 409.—14. Iron taper drill, p. 421.—15. Iron linch-pin, p. 422.—16, 19. Iron hook, p. 421.—17. Iron pliers, p. 423.—18. Iron hatchet or gouge, p. 421.—20. Stone ball for a game (?), p. 407.—21. Earthenware ring polished black, p. 408.—22, 23. Parts of iron sheaths, p. 410.—24, 25. Iron fibulæ, p. 422.—26. Iron fibulæ with bronze knobs, p. 422.—27. Scraping iron, p. 421.—28. Bronze needle, p. 408.

Pl. CXXV. CXXVI. CXXVII. CXXVIII.

All are drawings of iron swords and sheaths from Marin; nearly the whole of them are in the collection made by the late Col. Schwab. Fig. 6. Pl. CXXVIII. is in the possession of Professor Desor. The 'marks' on this plate, figs. 11 to 14, are drawn of the full size; all the other figures on these four plates are half-size, with the exception of the swords drawn Pl. CXXVI., which it was of course impossible to get into an octavo plate, and of which only the two extremities have been represented (half-size), p. 410.

Pl. CXXIX. Marin.

(Iron.)

Spear-heads, Figs. 3, 4, in the collection of Professor Desor. Figs. 1, 2, 5, in the late Col. Schwab's collection. Fig. 1 weighs about 8¼ ounces troy, and Fig. 2 nearly 10 ounces troy, p. 415.

Pl. CXXX. Marin.

(Iron.)

Figs. 1 to 4, and 7 to 9. Spear-heads, p. 415.—5, 6. Sickles, p. 423.

Pl. CXXXI. Marin.

(Iron.)

Figs. 1 to 7. Spear-heads, p. 415 (Fig. 1 weighs 14 ounces troy).—8. Shield plate or strap, p. 419.

Pl. CXXXII. Marin.

Fig. 1. Bronze hatchet, p. 408.—2, 3. Bronze pliers, p. 408.—4, 5, 6. Iron handles (?), p. 420.—7. Iron staple, p. 420.—8. Iron ring and staple, p. 420.—9. Bronze fibula, p. 408.—10, 11, 12. Iron plate (shield plate), p. 420.—13, 14. Iron shield plate or strap, p. 419.—15, 16. Lance-shaft ferrules, p. 419.—17 Bronze ring, p. 408.—18. Blue glass ring, p. 408.—19. Bronze spiral with glass bead, p. 408.—20. Bronze ring, p. 408.—21. Iron wire, p. 420.—22, 23. Bone implement, p. 409.—24. Iron ring, p. 420.—25. Iron hook, p. 420.—27. Bronze ring, p. 408.—28, 29. Iron rings, p. 420.

(N.B. Fig. 26. Bronze ring from Montellier has been drawn on this plate in error, p. 294.)

Pl. CXXXIII. Marin.

Fig. 1. Iron ladle, p. 420.—2, 3. Glass bead, p. 408.—4, 5, 6 and 9. Bronze plates, p. 408.—7. Bronze ring, p. 408.—8. Bronze cauldron with iron rings for handles, p. 407.—10, 11. Bronze ring with shank, p. 408.—12 to 15. Iron horn-like implements, p. 420.—16, 17. Gaulish gold coin (Philipp's money), p. 423.—18, 20 to 24. Gaulish coins ('Potin'), p. 424.—19. Silver coin of Massilia, p. 424.—25 Bronze pin, p. 408.

Pl. CXXXIV. Robenhausen and Wangen.

Various specimens of platted 'bast' and flax, pp. 507 and 508.

Pl. CXXXV. Robenhausen and Wangen.

Platted 'bast' and flax, and thread, string, and rope of flax, see pp. 409 and 507.

Pl. CXXXVI. Robenhausen and Wangen.

Platted and woven flax, see pp. 509 and 510.

Pl. CXXXVII. Robenhausen.

Fig. 1. Pocket sewed on to coarse cloth, p. 512.—2. Net, p. 510.

Pl. CXXXVIII. Wangen and Cortaillod.

Fig. 1. Flax plat (top of a cap?), Wangen, p. 70.—2. Strap or bag of a sling made of flax, Cortaillod, p. 233.

Pl. CXXXIX. Irgenhausen, &c.

Fig. 1. Fragment of pottery with peculiar ornament, Wangen, p. 71.—2, 2*a*. Embroidered cloth, Irgenhausen, p. 63.—3. Agricultural tool of stag's horn, Robenhausen, p. 58.—4. Bronze celt, Unter Uhldingen, p. 123.

Pl. CXL. Cortaillod, &c.

Figs. 1, 2. Earthenware vessel ornamented with tin, Cortaillod, p. 231.—3, 4, 5. Round bronze plates, Möringen, p. 155.—6. Mat of flax or bast, Robenhausen, p. 57.—7. Stone beads, Bodmann, p. 105.

Pl. CXLI. and CXLII.

Plants and seeds of the lake dwellings: see the full description of the figures in the abridgment of Professor Heer's Treatise, p. 532.

Pl. CXLIII. Ebersberg. (Mainland for Comparison.)

Fig. 1. Slingstone (?) of porphyry, p. 141.—2, 3. Clay spindle-whorls, p. 565.—4. Bronze ring, p. 568.—5, 6. Stone celts, p. 566.—7. Part of crescent of red sandstone, p. 566.—8, 9. Earthenware vessels, p. 563.—10. 'Restoration' of the forms of pottery, p. 563.—11. Bone lance-head, p. 567.—12. Bronze knife, p. 568.—13, 14, 18, 19. Bronze pins, p. 568.—15, 16, 17. Bronze chisels, p. 568.

Pl. CXLIV. Ebersberg. (For Comparison.)

Figs. 1 to 15. Ornamentation on pottery, all drawn half-size, p. 563.—16. Impression of wattlework on the clay coverings of the huts, p. 565.

Pl. CXLV. Ebersberg. (For Comparison.)

Fig. 1. Earthenware vessel perforated, p. 563.—2. Glass bead, p. 567.—3. Cup and ring, p. 565.—4. Earthenware vessel, p. 563.—5. 'Crescent' terra cotta, p. 566.—6. Bone lance-head, p. 567.—7 to 9, 14 to 16. Bronze pins, p. 568.—10. Bronze knife, p. 568.—11. Earthenware loom-weight, p. 565.—12, 20, 21. Earthenware spindle-whorls, p. 565.—13 and 23. Bronze spirals, p. 568.—17. 'Crescent' of sandstone, p. 566.—18. Bronze finger-ring, p. 568.—19. Bronze ear-ring, p. 568.—22. Stone corn-crusher, p. 566.—24. Celt of nephrite, p. 566.—25. Bronze arrow-head, p. 568.

Pl. CXLVI. Uetliberg and Windisch. (Mainland for Comparison.)

(N.B.—Figs. 1 to 10 from Uetliberg. Figs. 11 to 14 from Windisch.)

Fig. 1. Red pottery coarsely ornamented, p. 570.—2. Black pottery, p. 570.—3. Bronze chisel, p. 570.—4. Stone celt, p. 570.—5. Bone piercer, p. 570.—6. Bronze pin, p. 570.—7. Four bronze ornaments, p. 570.—8. Small bronze wheel,

p. 570.—9. Handle of a 'crescent' cutting implement (?) p. 570.—10. Bronze ornament, p. 570.—11. Flint tongue or knife, p. 571.—12. Flint scraper, p. 571. —13. Stone celt, p. 571.—14, 15. Corn-crushers of stone, p. 571.—16. Perforated bear's tooth (amulet ?), p. 571.

Pl. CXLVII. Irish Crannoges.

Fig. 1. Section of crannoge in Ardakillin Lough, p. 648.—2. Ground plan of a crannoge in Drumaleague Loch, p. 648.—3. Section of another crannoge in the same lake, p. 648.—4, 5, 6. Bone cloak-pins, Ballinderry, p. 650.—7. Head of bronze pin, Ardakillin, p. 651.—8. Ringed bronze pin, Dunshaughlin, p. 651.—9. Sandstone mould for casting celts, Lough Scur, p. 651.—10. Iron spear-head, Lagore, p. 651.—11, 12. Double-edged iron sword, Lagore, p. 651.—13. Scimitar-shaped iron blade, Lagore, p. 651.—14. Iron knife, Lagore, p. 651.

Pl. CXLVIII. Welsh Crannoge, Llangorse Lake.

Fig. 1. Plan of the crannoge, p. 661.—2. Island as seen from the lake near Brecon, p. 660.—3. Section between the island and the shore, p. 664.—4. Section on the east of the island, p. 662.—5, 6. Piles or slabs, p. 661.

Pl. CXLIX. Robenhausen.

Wooden door (?) p. 56.

Pl. CL. Möringen, &c.

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Pl. CLI. Lake of Bourget.

Fig. 1. Earthenware vessel standing on four feet, p. 336.—2, 3, 4. Small earthenware vessels, p. 336.—5. Jar with peculiar ornamentation, p. 336.—6. Neck of small vessel with spout, p. 336.—7. Vessel with a band running round it, p. 336.—8. Ornamented vessel, p. 336.—9, 10, 11, 14. Pottery ornamented with circles, p. 336.—12, 13, 15, 16. Ornamented pottery, p. 336.

Pl. CLII. Lake of Bourget.

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Pl. CLIII. Lake of Bourget.

Fig. 1. Stone weight (and section), p. 335.—2. 'Slingstone' (?) p. 335.—3, 4. Polishing stones perforated (touchstone ?) p. 336.—5. Spindle-whorl, p. 336. —6. Lozenge-shaped stone, p. 336.—7, 8. Flint arrow-heads, p. 336.

Pl. CLIV. Lake of Bourget.

(All bronze.)

Fig. 1. Clasp or buckle, p. 340.—2 and 6. Cutting implements, p. 340.—3. Socketed knife, p. 340.—4, 5. Ornamented knives, p. 340.

Pl. CLV. Lake of Bourget.

(All bronze.)

Figs. 1, 2, 3, 4. Armillæ, p. 340.—5. Ornamented disc, p. 340.—6. End of clasp (?) p. 341.—7. Implement, use unknown, p. 341.—8. Ring with projecting radii, p. 341.—9. Ring with three other rings cast on it, p. 341.—10. Short and strong chain, p. 341.

Pl. CLVI. Lake of Bourget.

(All bronze.)

Fig. 1. Part of a sickle, p. 341.—2, 5. Lance-heads, p. 341.—3. Dagger or lance, p. 341.—4. Knife, p. 341.—6. Arrow-head of thin bronze turned over, p. 341.—7, 8, 9. Arrow-heads, p. 341.—10. Arrow-head with a tang or stalk, p. 341.—11. Portion of ornamented plate, p. 341.

Pl. CLVII. Lake of Bourget.

(All bronze.)

Figs. 1 to 6. Pins, p. 341.—7, 8, 10, 11. Needles, p. 341.—9, 14, 16. Pointers or chisels, p. 341.—12, 13, 15, 18, 19. Hooks, p. 341.—17. Cutting implement ornamented, p. 341.

Pl. CLVIII. Lake of Bourget.

Fig. 1. Rude figure of an animal or lizard in earthenware, p. 337.—2, 3. Rude figures of animals (?) in earthenware, p. 337.—4. Ornamented pottery, p. 338.—5. Wooden implement (distaff?), p. 684.—6. Double bronze armilla joined with a ring, p. 340.—7. Bronze knife, very thin and short, p. 340.

Pl. CLIX. Lake of Bourget.

Fig. 1. Bronze vase found in its mould, p. 342.—2, 4. Bronze celts, p. 342.—3. Earthenware vessel (the upper figure is the side view, the lower figure the base), p. 338.—5. Arrow-head of bronze of a peculiar form, p. 342.

Pl. CLX. Lake of Bourget.

Plan of the lake on a scale of $\frac{1}{100000}$.

Pl. CLXI. Lake of Bourget.

Fig. 1. Hollow bronze ball, use unknown, p. 342.—2. 'Crescent' (?) of a much longer form than is usual, p. 338.—3. Clay (said to be part of the hut covering) with the 'croix gammée' impressed on it, p. 339.—4. Seal or stamp for making this impression, p. 339.—5. Seal or stamp for making concentric impressions, p. 339.—6. Bone harpoon, p. 342.—7. Bronze tube ornamented with rings, &c., p. 342.—8, 9. Bronze pins with large heads, p. 342.

Pl. CLXII. Bodio, Lago di Varese.

Figs. 1 to 10. Flint arrow-heads, p. 359.—11. Bronze lance-head, p. 360.—12. Bronze lance-head, p. 360.—13. Spindle-whorl (?) p. 358.—14, 15, 16, 17. Bronze hooks, p. 360.—18. Bronze pin, p. 360.—19. Perforated stone, p. 360.—20. Net weight (?) p. 360.—21. Quartzite ring, p. 360.—22, 23. Bone pointers, p. 358.

Pl. CLXIII. Bodio, Lago di Varese.

Figs. 1, 2 and 6. Ornamented pottery, p. 359.—3, 4, 5. Spindle-whorls, p. 358.

Pl. CLXIV. Lago di Varese.

Fig. 1. Two-handled cup, Monate, p. 404.—2, 3. Ornamented pottery, p. 358.—4. Cone ornamented at the base (spindle-whorl?) p. 358.—5. Bone pointer (Isola Camilla), p. 358.—6, 8. Flint lance-heads, p. 360.—7. Flint scraper, p. 360.—9, 12, 13. Flint knives, p. 360.—10, 11. Bone pointers, p. 358.

Pl. CLXV.

Plan of the lakes of Varese and Monate.

Pl. CLXVI.

Plan of the lakes of Pusiano and Garda.

Pl. CLXVII. Laibach Moor.

Figs. 1, 2, 3, 4, 5, 6, 8, 9, 11, 12. Ornamented pottery, p. 614.—7. Earthenware cylinder, use unknown, p. 614.—10. Spindle-whorl (?) p. 614.

Pl. CLXVIII. Laibach Moor.

Figs. 1, 2, 3 and 5. Hammer-axes of stag's horn. p. 609.—4. Bone pointer or dagger, p. 609.—6, 7. Bone pointers, p. 609.—8. Ornament of stag's horn, p. 611.—9, 10. Bone pins, p. 610.—11. Bone needle, p. 610.—12. Perforated bone pointer, p. 609.—13 and 17. Clothes hooks, p. 611.—14. Perforated arrow-head or ornament, p. 610.—15. Needle of stag's horn, p. 610.—16. Borer or ornament of stag's horn, p. 610.—18. Bronze pin, p. 612.—19. Cylindrical bone (used for netting?), p. 610.—20. Bone (spear- or arrow-head?) perforated, p. 610.

Pl. CLXIX. Lake of Fimon.

Sections of the 'relic bed' of the stone and bronze ages, p. 368.

Pl. CLXX. Lake of Fimon.

Figs. 1, 2. Flint arrow-heads, p. 369.—5, 6, 8. Flint lance-heads, p. 369.—3, 4. Flint knives, p. 369.—7. Stone corn-crusher (or slingstone), p. 369.

Pl. CLXXI. Lake of Fimon.

Figs. 1, 2, 3. Pottery ornamented with diagonal lines and circular bands, p. 371.

Pl. CLXXII. Lake of Fimon.

Figs. 1, 2, 3, 4. Earthenware vessels of various forms, p. 372.—5, 6. Handles of earthenware vessels, p. 374.

Pl. CLXXIII. Lake of Fimon.

Figs. 1, 2, 3, 4. Ornamented pottery, pp. 374 and 375.

Pl. CLXXIV. Lake of Fimon.

Figs. 1, 2, 3. Ornamented pottery, p. 374.

Pl. CLXXV. Lake of Fimon.

Figs. 1 and 2. Ornamented pottery, pp. 376 and 377.

Pl. CLXXVI. Lake of Fimon.

Figs. 1, 2, 3. Bronze celt, p. 376.—4. Clay ring, p. 377.

Pl. CLXXVII.

Map of the district near the lake of Fimon, p. 367.

Pl. CLXXVIII. Lake of Starnberg (Rosen-Insel).

Fig. 1. Ornamented bronze plate, p. 593.—2, 3. Earthenware counters, p. 594.—4. Glass bead, p. 595.—5. Clay bead, p. 594.—6, 7. Clay net-weights, p. 594.—8. Clay bead, p. 594.—9. Part of a bronze armilla, p. 594.—10, 11. Iron javelin-heads, p. 595.—12. Iron knife, the blade and handle in one, p. 595. 13. Bronze ornamented knife, the blade and handle in one, p. 594.—14. Bronze dagger, p. 594.

Pl. CLXXIX. Lake of Starnberg (Rosen-Insel).

Figs. 1, 3, 4, 6, 9, 10, 11, 12. Bronze pins, p. 594.—*Fig.* 7. Bronze pin with the upper end pressed flat, p. 594 (note).—*Figs.* 2 and 5. Bronze needles, p. 594.—8. Bronze pointer or awl, p. 594.

Pl. CLXXX. Lake of Starnberg (Rosen-Insel).

Figs. 1 to 23 give a selection from the ornamentation on the pottery, p. 595.

Pl. CLXXXI. Lake of Starnberg (Rosen-Insel).

Figs. 1, 2, 3. Bronze pins, p. 594.—4, 5. Ornamented knives, p. 594.—6. Bronze socketed arrow-head, p. 594.—7. Bronze fish-hook, p. 594.—8. Anchor-shaped bronze implement, use unknown, p. 594.

Pl. CLXXXII. Lake of Starnberg (Rosen-Insel).

Figs. 1 to 3. Flint arrow-heads, p. 593.—4. Celt of nephrite, p. 593.—5. Stone celt in stag's horn hafting, p. 593.—6. Stone celt, p. 593.—7, 8. Polishing stones, p. 593.—9, 10. Ornaments of wild boar's teeth, p. 593.—11, 12, 13, 17, and 33. Bone arrow-heads, p. 593.—14, 15, 16, 23, and 41. Horn hammers, p. 593.—18, 20, 24, 26, 30, 31, 32, 34, 35, 37, 38, and 42. Tools of bone and teeth, p. 593.—19, 21, 39, and 43. Bone or horn haftings or handles, p. 593.—22, 25, and 28. Shuttles (?) p. 593.—27. Horn knife, p. 593.—29. Bone awl or pointer, p. 593.—36. Bone skate, p. 593.—40, and 44. Ornament of boar's tusks, p. 593.

Pl. CLXXXIII. Lake of Starnberg (Rosen-Insel).

The upper part is a plan of the platform, p. 591, and the lower part is a plan of part of the lake in which Rosen-Insel lies, p. 590.

Pl. CLXXXIV. Mond See.

Figs. 1 to 13. Forms of earthenware vessels without any ornamentation, p. 602.

Pl. CLXXXV. Mond See.

(Pottery.)

Figs. 1 to 7. Various patterns of ornamentation on the pottery found here; the incised lines are filled with white or chalky matter, pp. 603 and 604.

Pl. CLXXXVI. Mond See.

(Pottery.)

Figs. 1 to 7. Various patterns on pottery, made in a similar way to those drawn on the last plate, pp. 603 and 604.

Pl. CLXXXVII. Mond See.

Figs. 1, 2, 3. Rude figures of animals made of baked clay, p. 604.

Pl. CLXXXVIII. Mond See.

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Pl. CLXXXIX. Mond See.

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Pl. CXC. Atter See.

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Pl. CXCI. Atter See.

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Pl. CXCII. Lake of Paladru.

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Pl. CXCIII. Lake of Paladru.

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Pl. CXCIV. Lake of Paladru.

Ground plan of the piles and lake dwelling at Grands Roseaux in this lake, p. 636.

Pl. CXCV. Lake of Paladru.

Plan of this lake, p. 631.

Pl. CXCVI. Moor of Schussenried.

District of the Feder See, p. 589.

Pl. CXCVII. Schussenried.

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Pl. CXCVIII. Schussenried.

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Figs. 1 and 11. Hammer of stag's horn, p. 585.—2. Dagger of stag's horn, p. 585.—3, 4. Stone chisels hafted in stag's horn, p. 585.—5, 6, and 9. Flint arrow-heads, p. 583.—7. Flint implement with asphalt adhering to it, p. 583.—8. Flint scraper, p. 583.—10 and 12. Stone hatchets, p. 584.—13. Flint knife, p. 583.

Pl. CC. Schussenried, &c.

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Pl. CCII. Constance.

(All drawn half-size, and the material grey earthenware.)

Figs. 1 and 2. Spindle-whorls, p. 574.—3. Jar with two handles, p. 574.—4 and 5. Ornamented pottery, p. 575.—6. Cup with a handle, p. 575.—7. Pot or pipkin without a handle, p. 575.

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Pl. CCIV. Terramara of Seniga.

(The upper part is a plan of the district.)

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Pl. CCV. Lake Mohrya.

View of the lake dwellings in Lake Mohrya (Central Africa), copied (with permission) from Captain Cameron's 'Across Africa,' p. 500.

Pl. CCVI.

General map of the lake-dwelling district.

N.B.—The terramara settlements are not included. It would also be manifestly impossible in so extended a map as this to have every settlement laid down, but all the more important ones will be found in it coloured red.

THE END.

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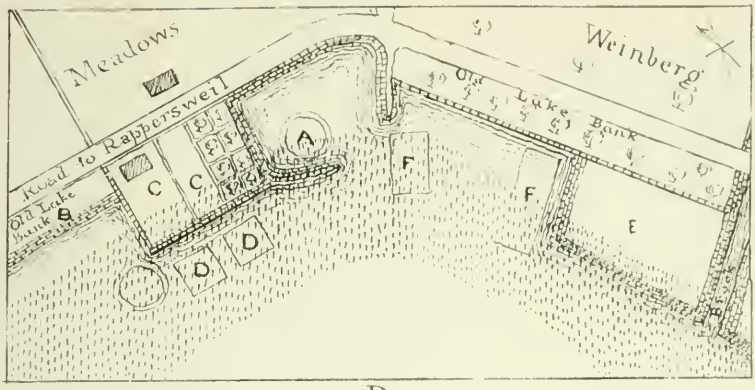

100 Paces

GROUND PLAN

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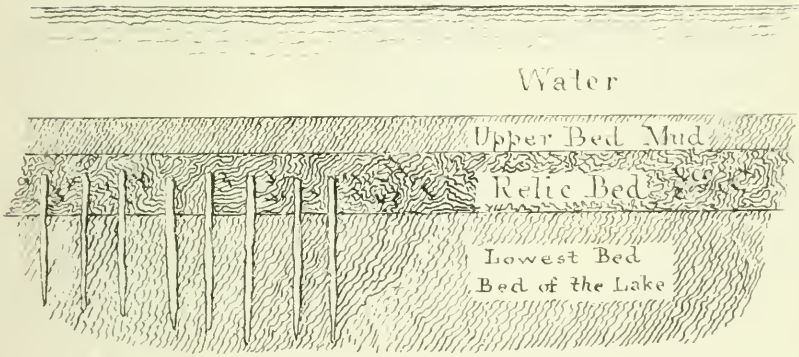

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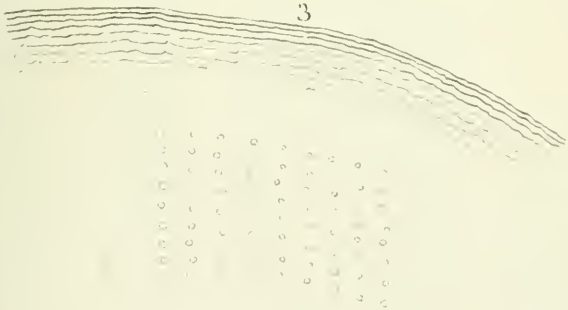

ARRANGEMENT OF THE PILES

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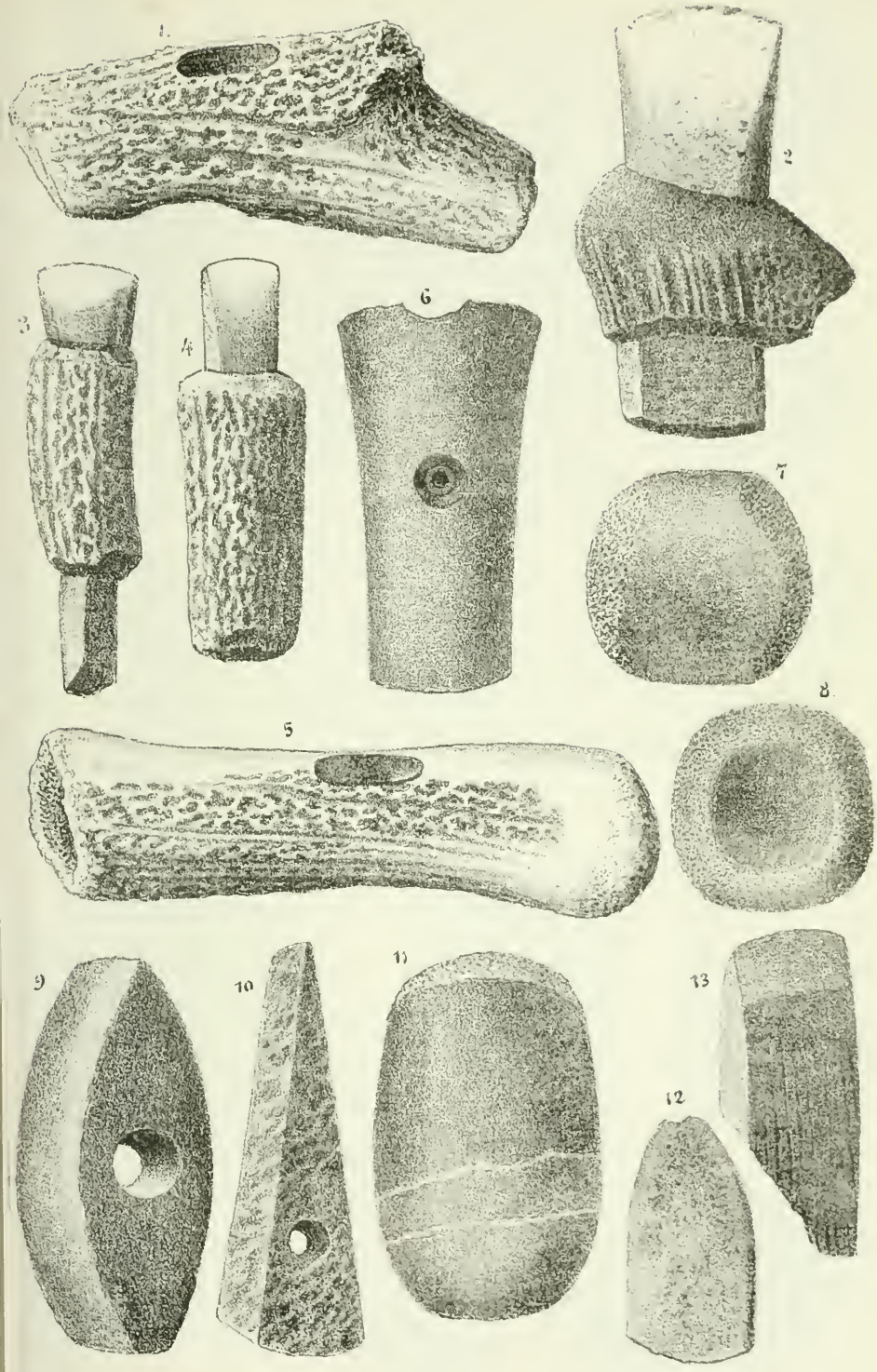

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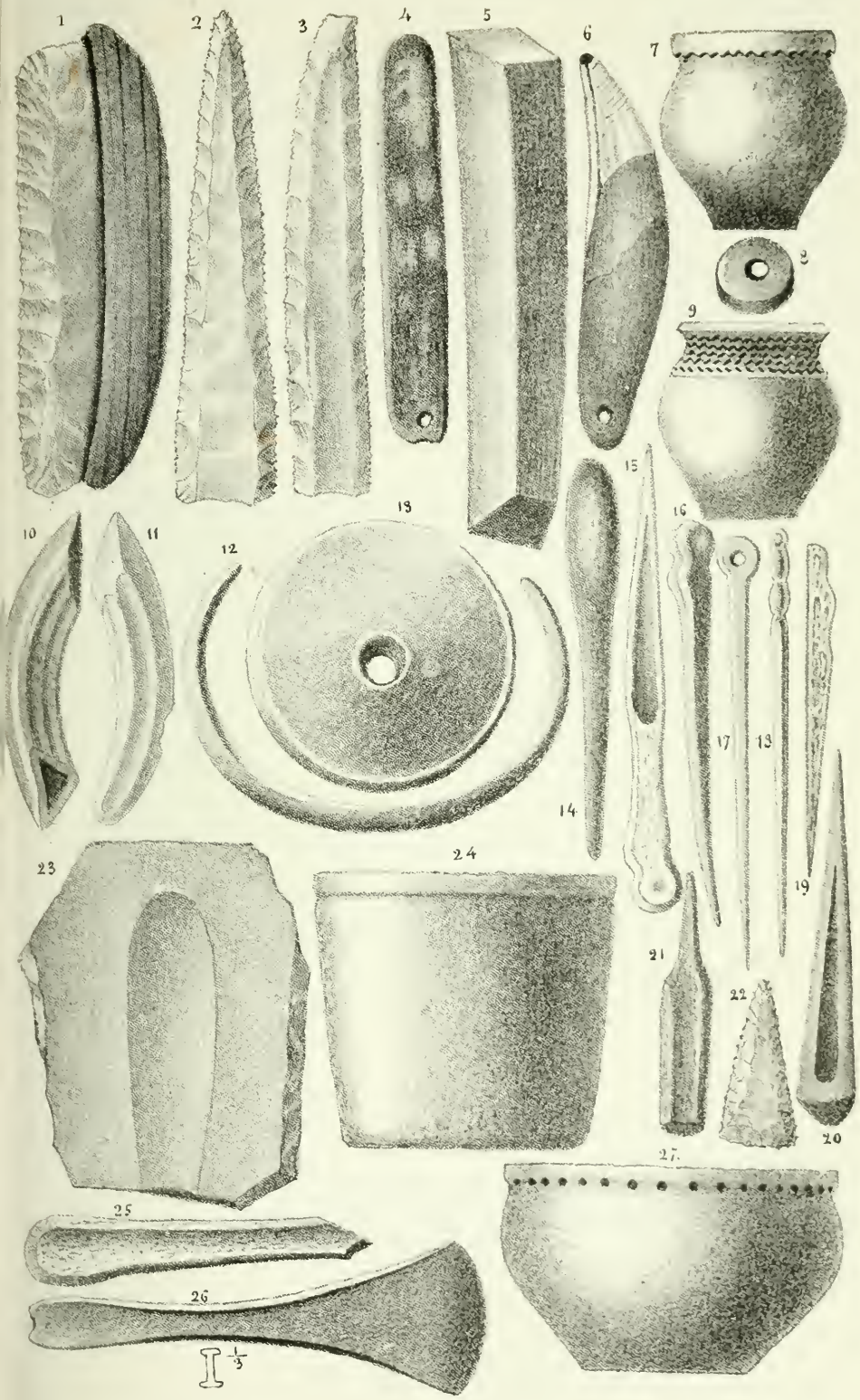

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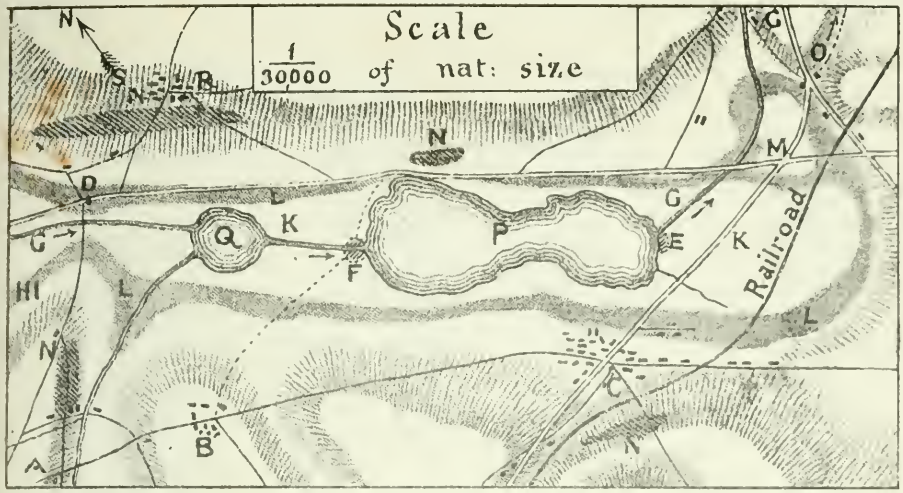

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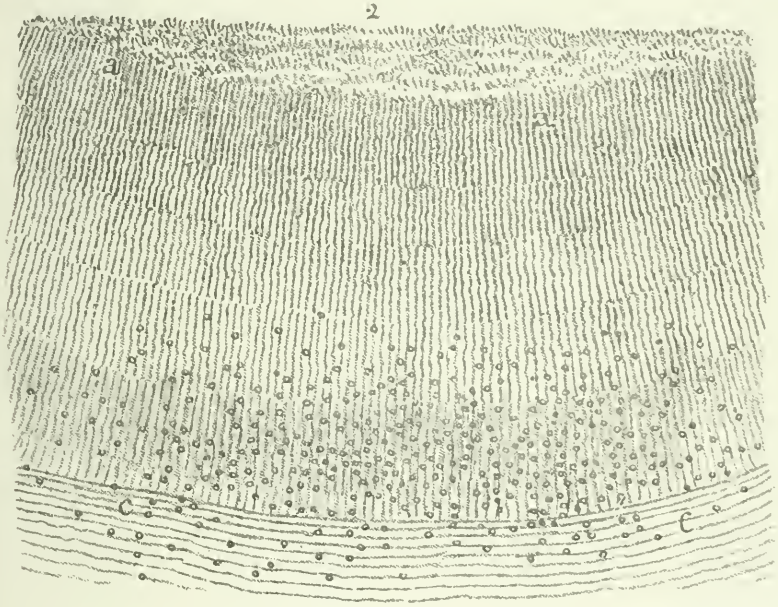

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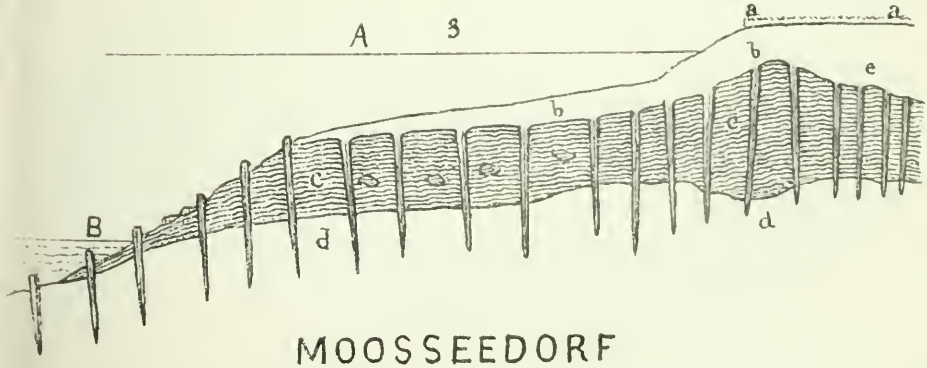

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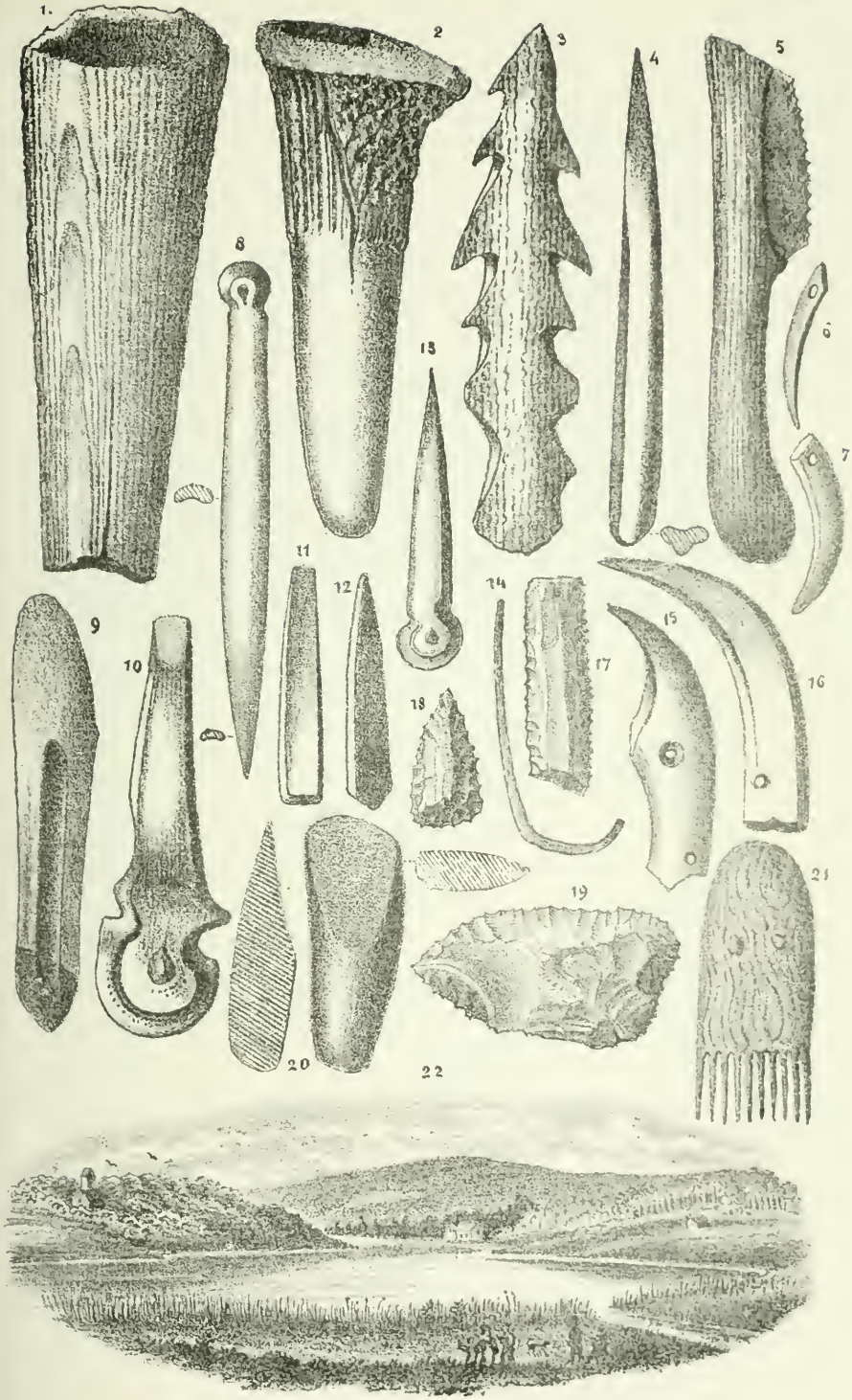

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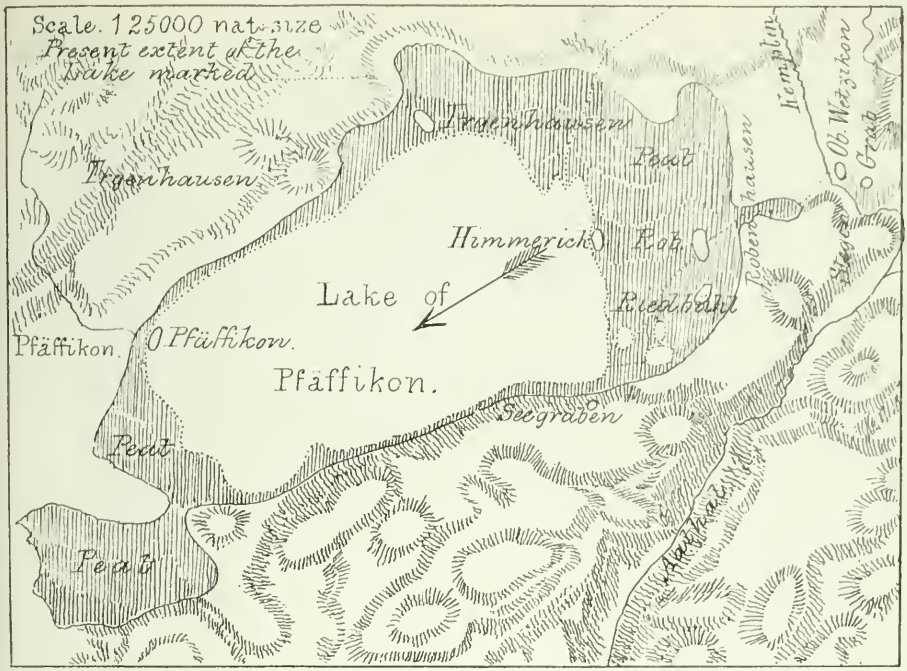
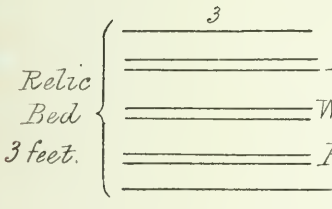
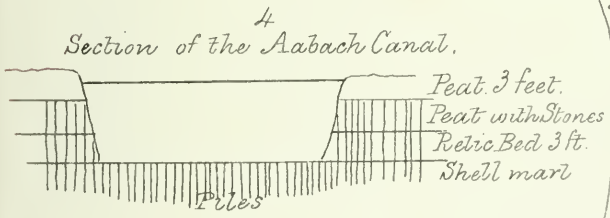
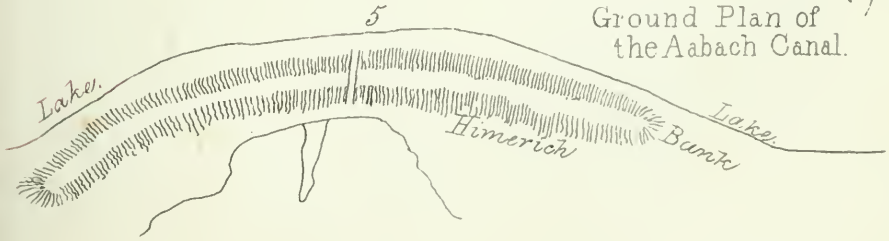






Ground Plan of the Aabach Canal.



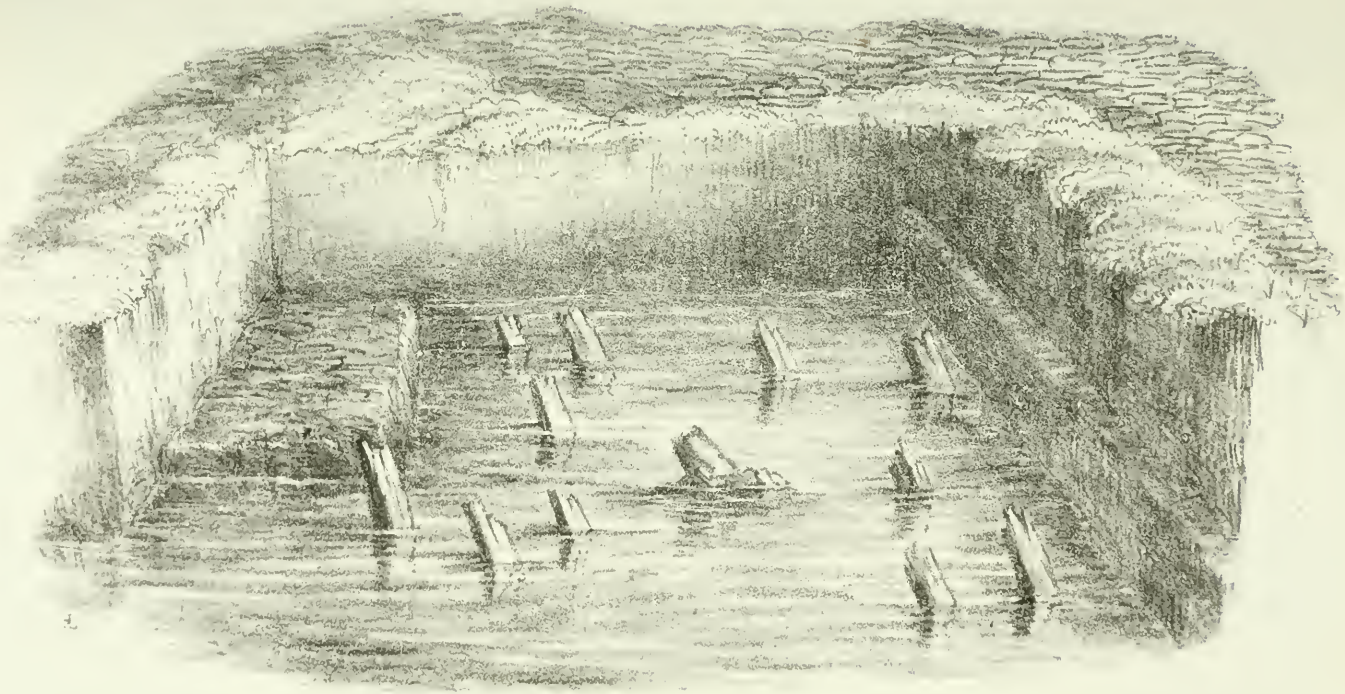
ROBENHAUSEN

Peat Moor of ROBENHAUSEN *with part of the* LAKE PFÄFFIKON *as seen from* SEEGRABEN.

ROBENHAUSEN.

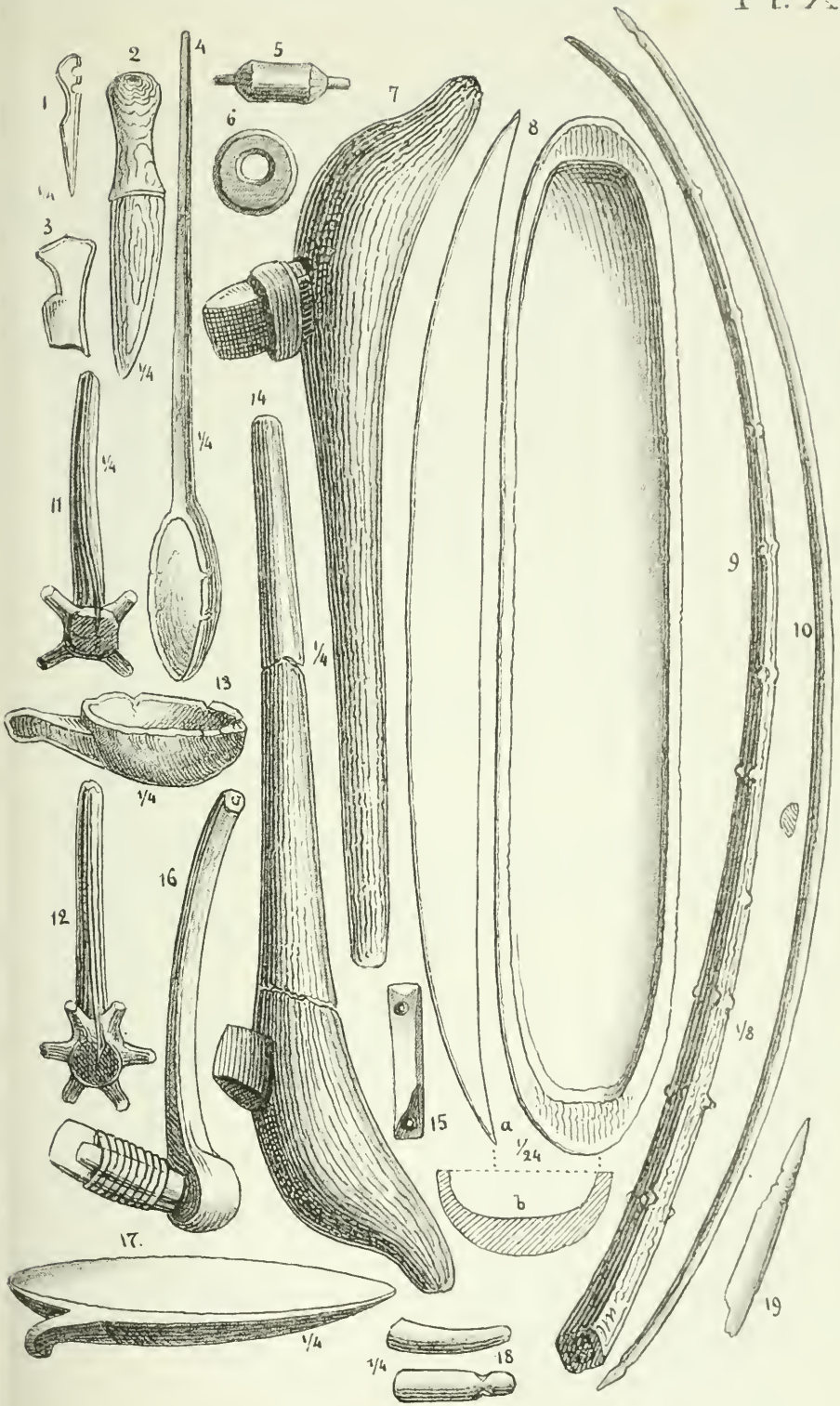
as seen 20 June 1865.

Piles of the last settlement but one—Round Fir Timber.

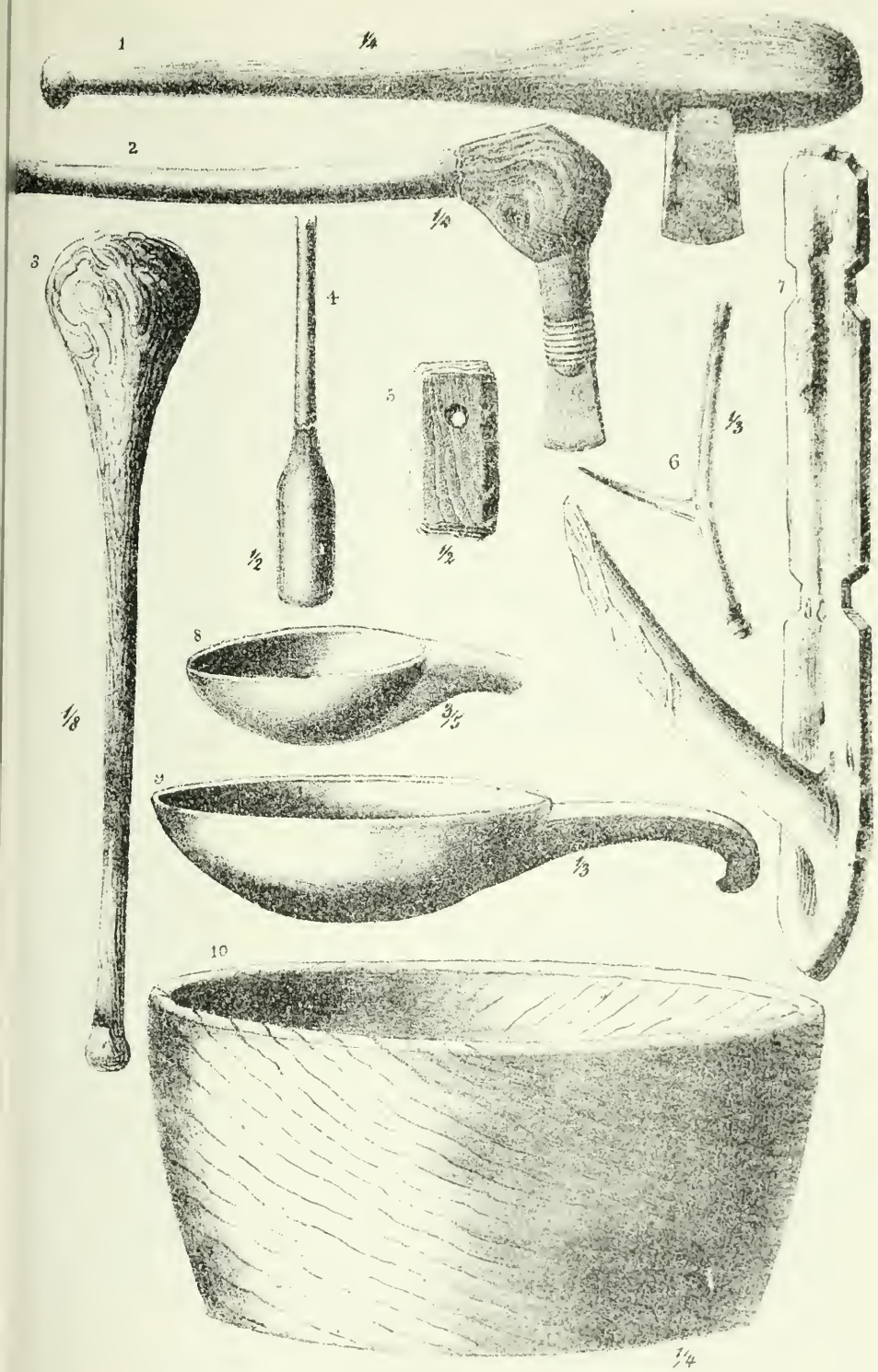


ROBENHAUSEN.

Piles of the latest Settlement – Split Oak stems as seen 20 June 1865



ROBENHAUSEN *Wood &c.*



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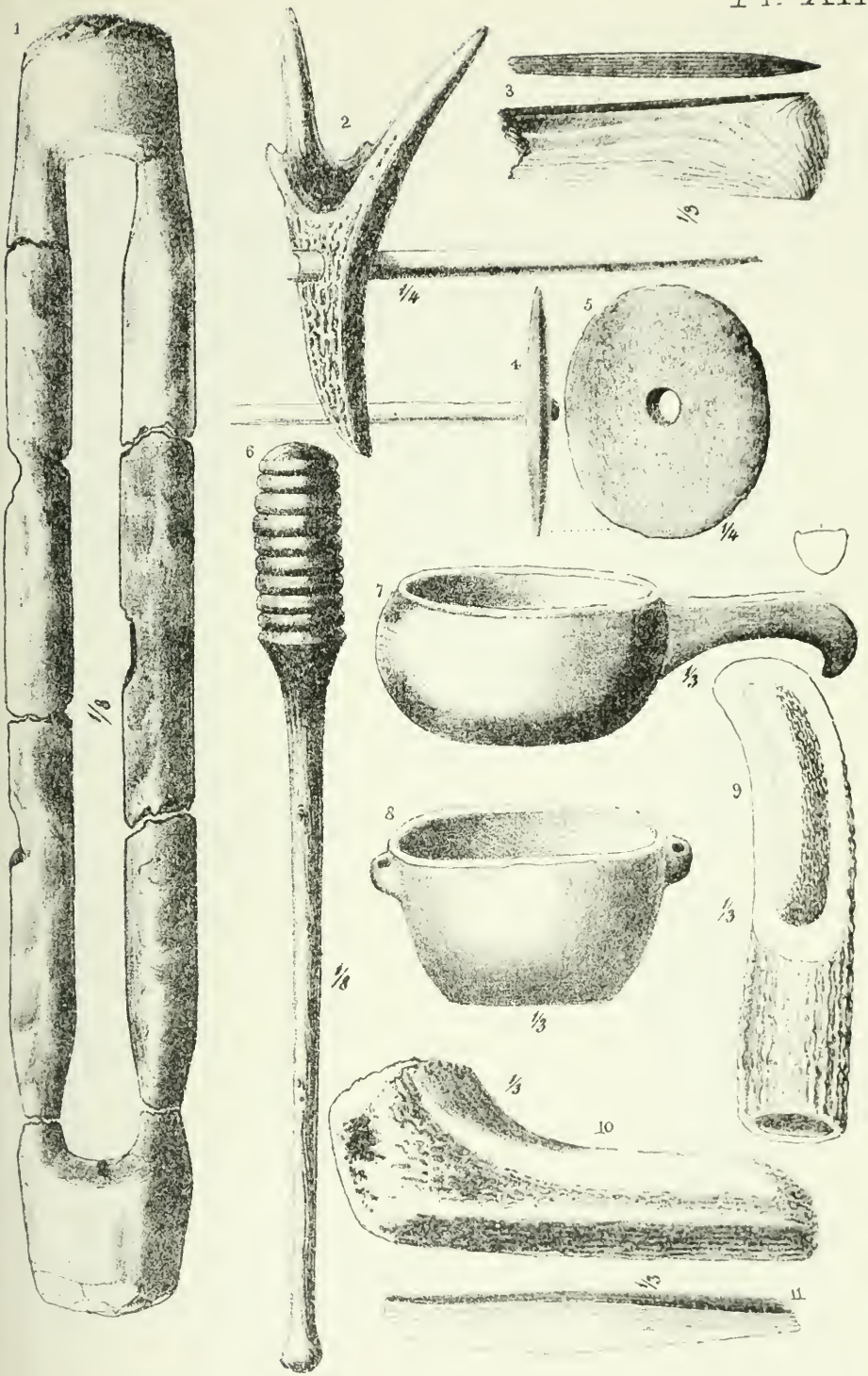

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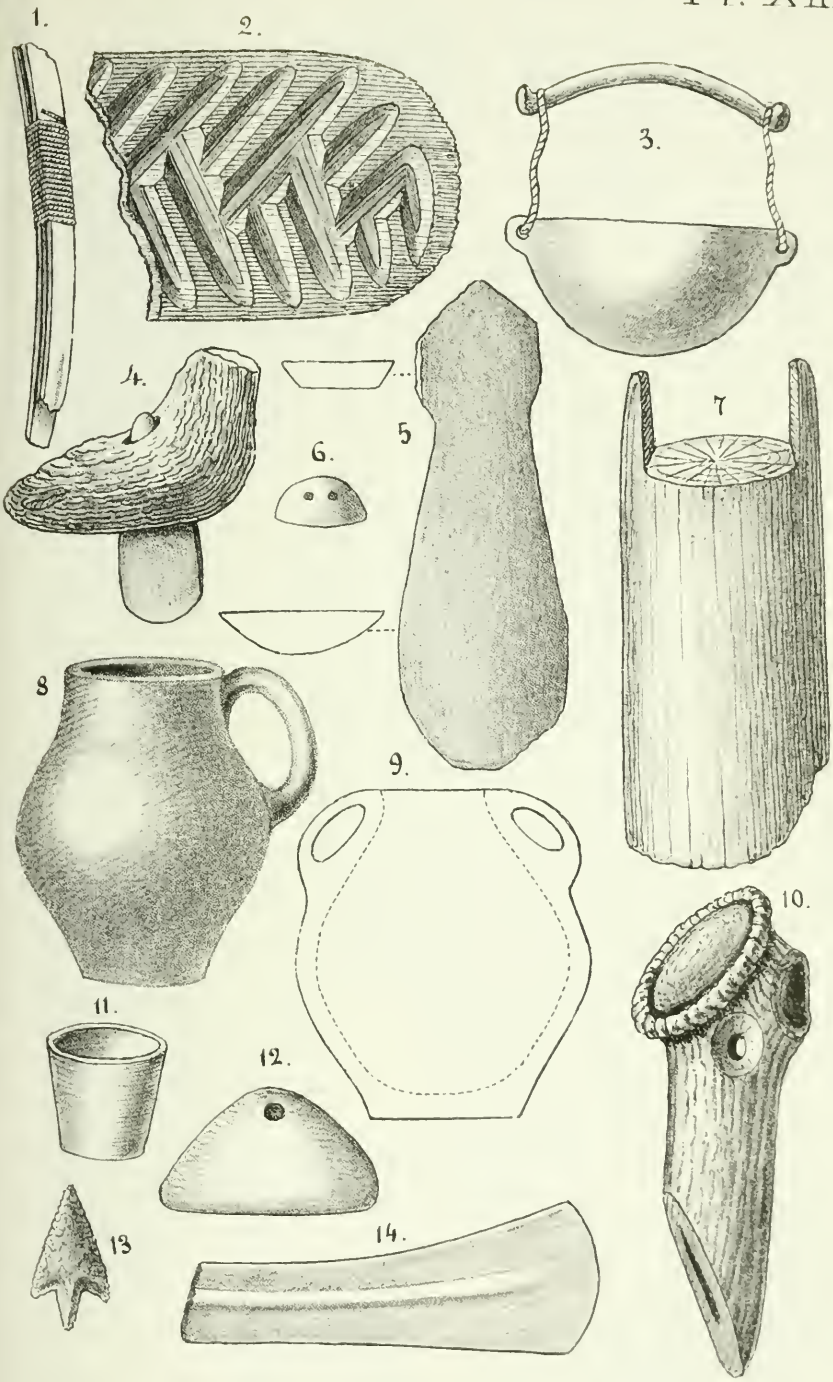

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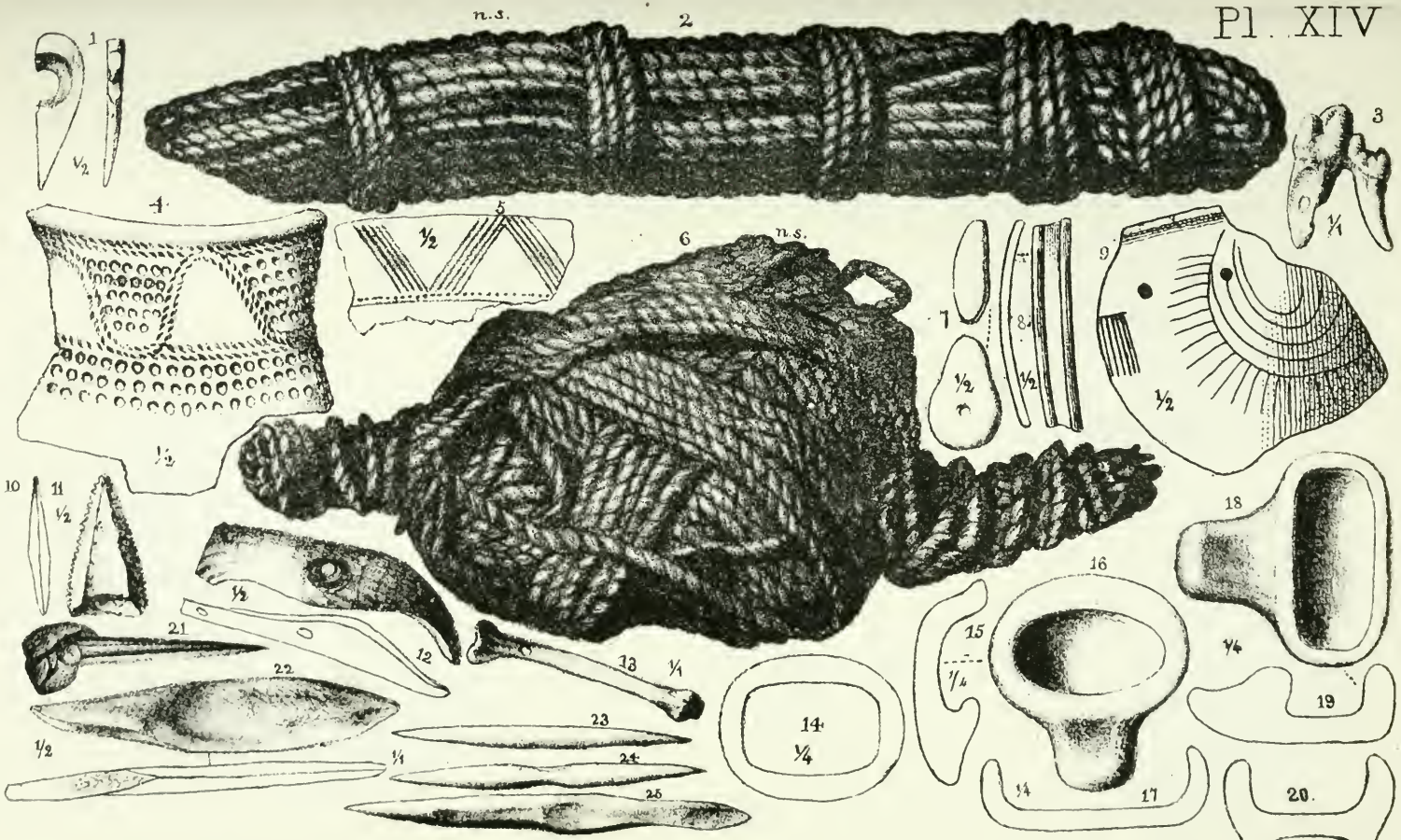
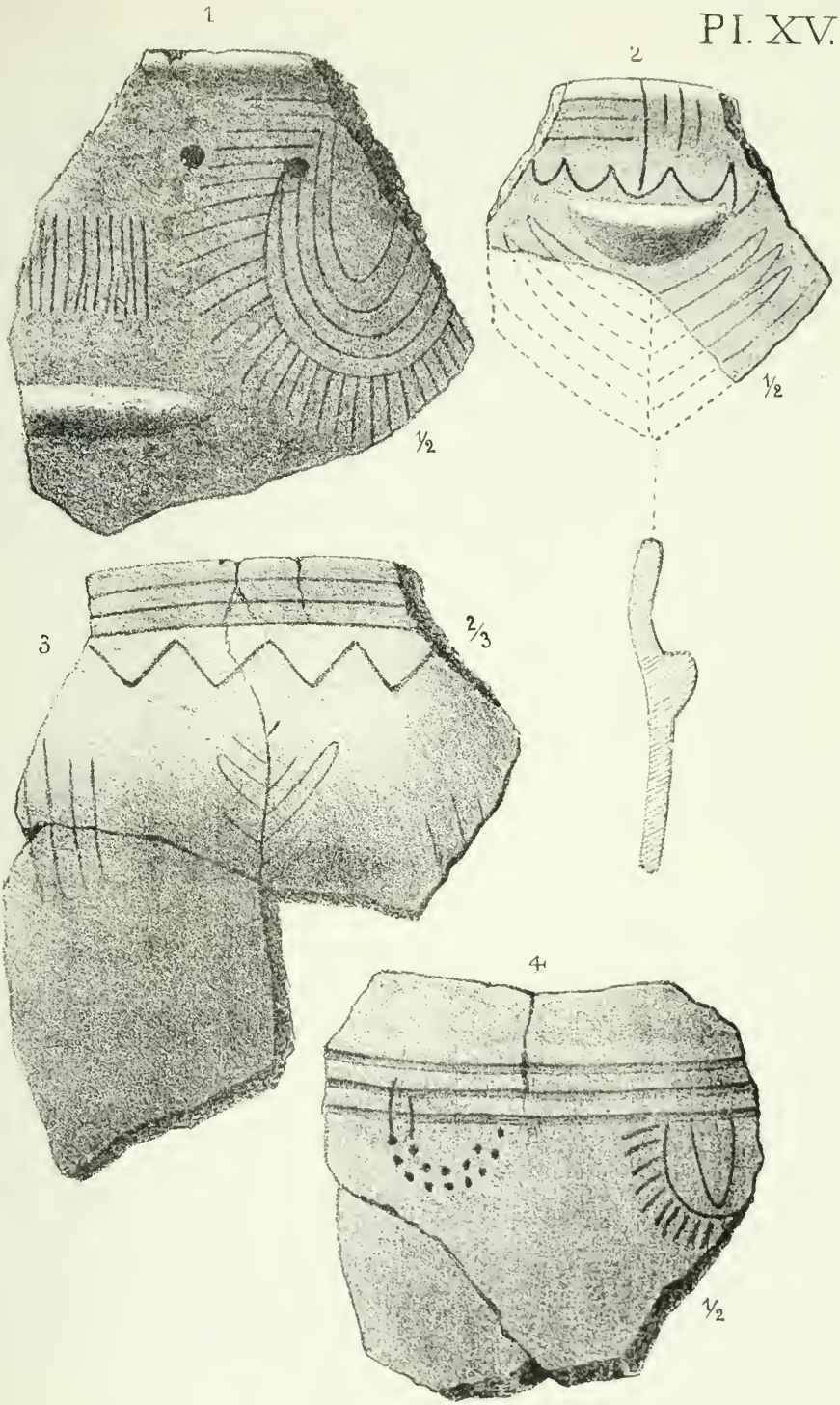


ROBENHAUSEN WANGEN & MOOSSEEDORF.



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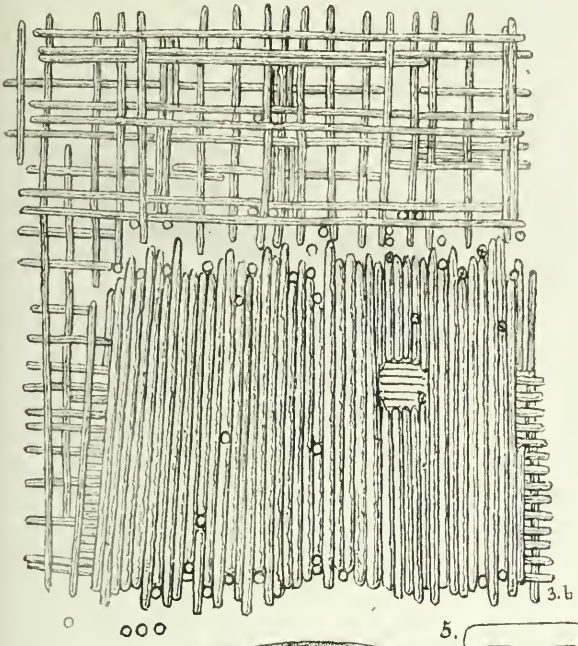

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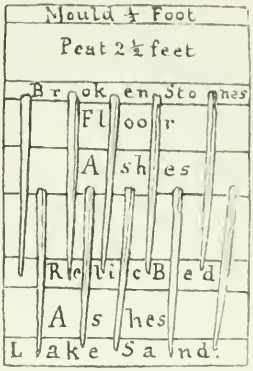

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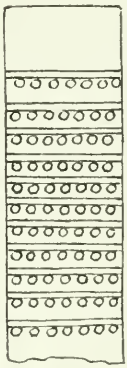

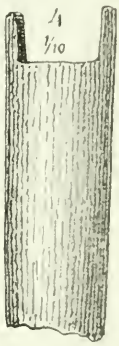

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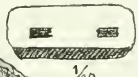

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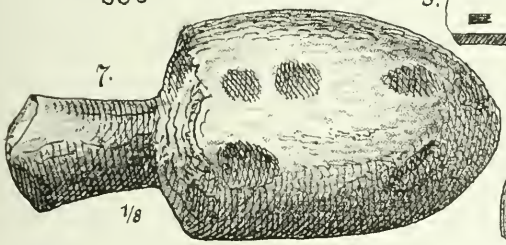

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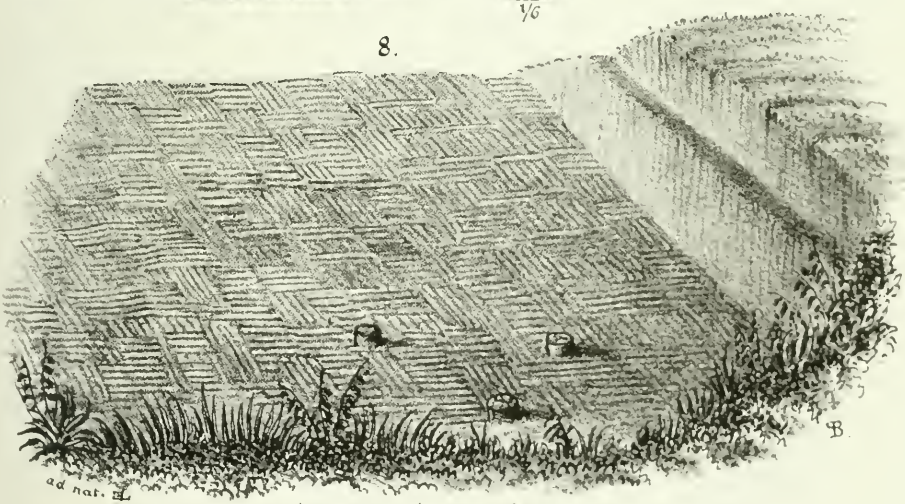
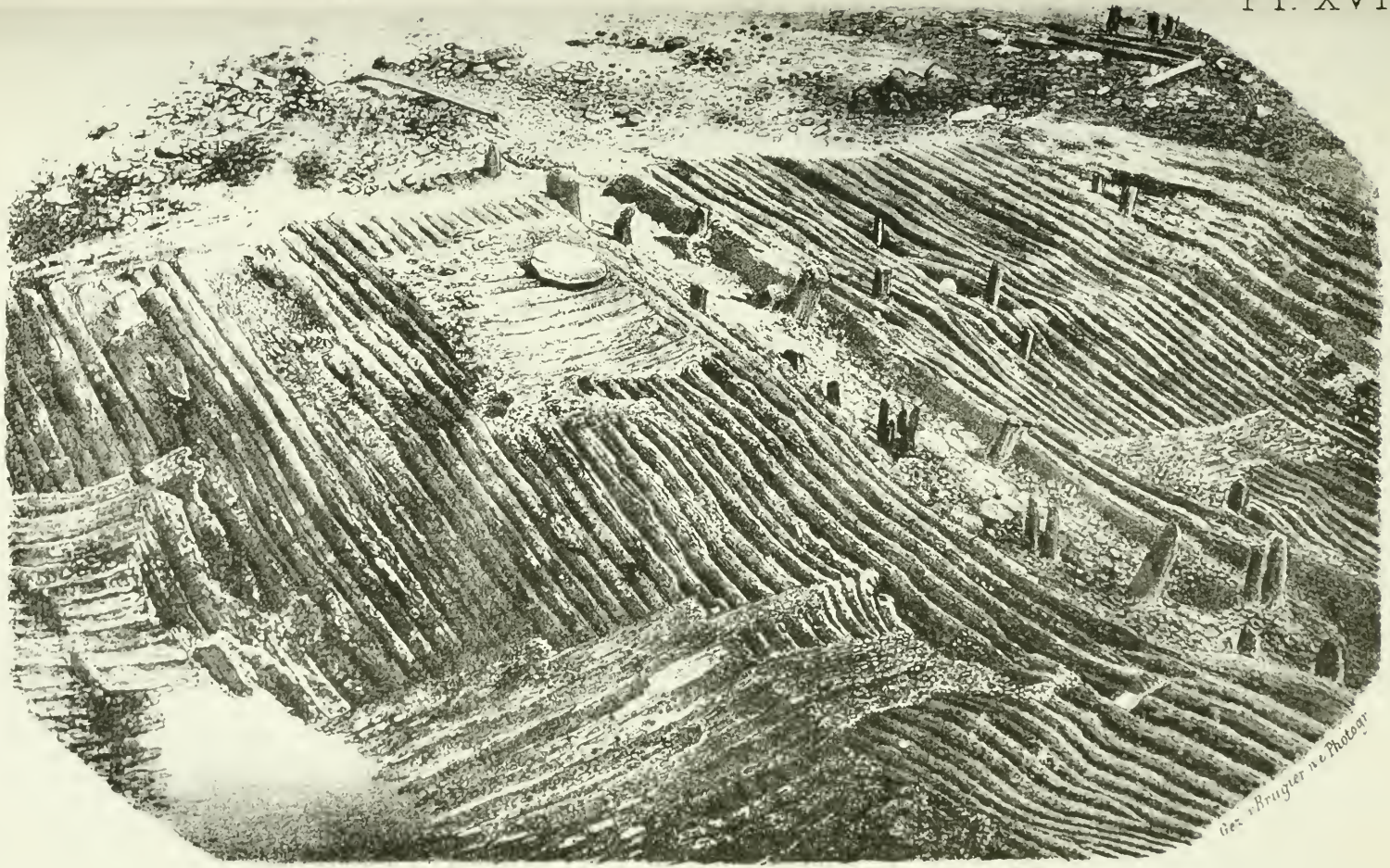


As seen 24. June 1864.

NIEDERWYL &c.



NIEDERWYL.

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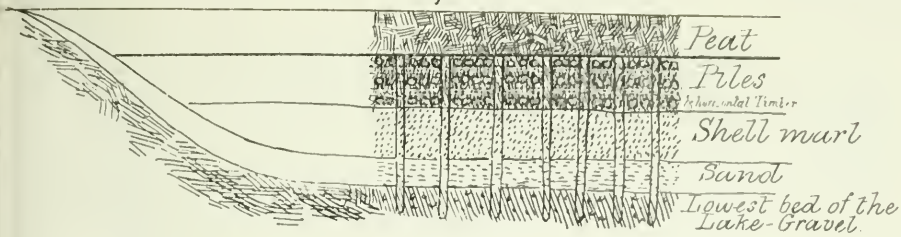
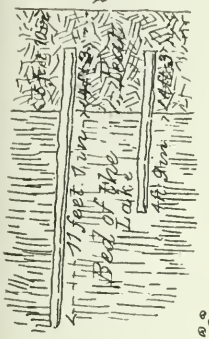
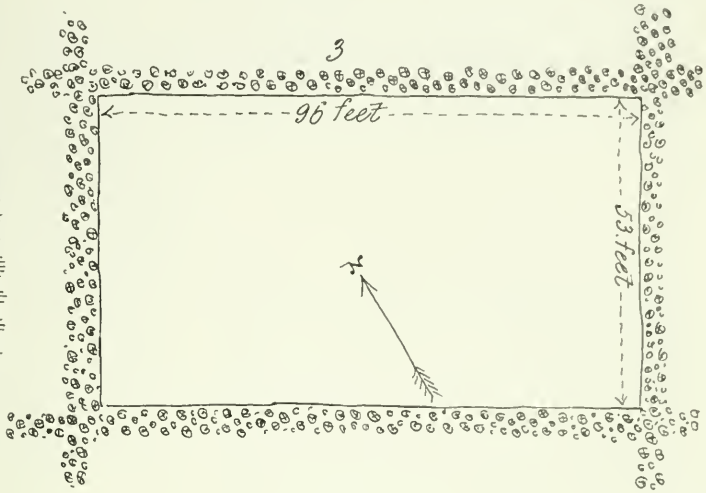
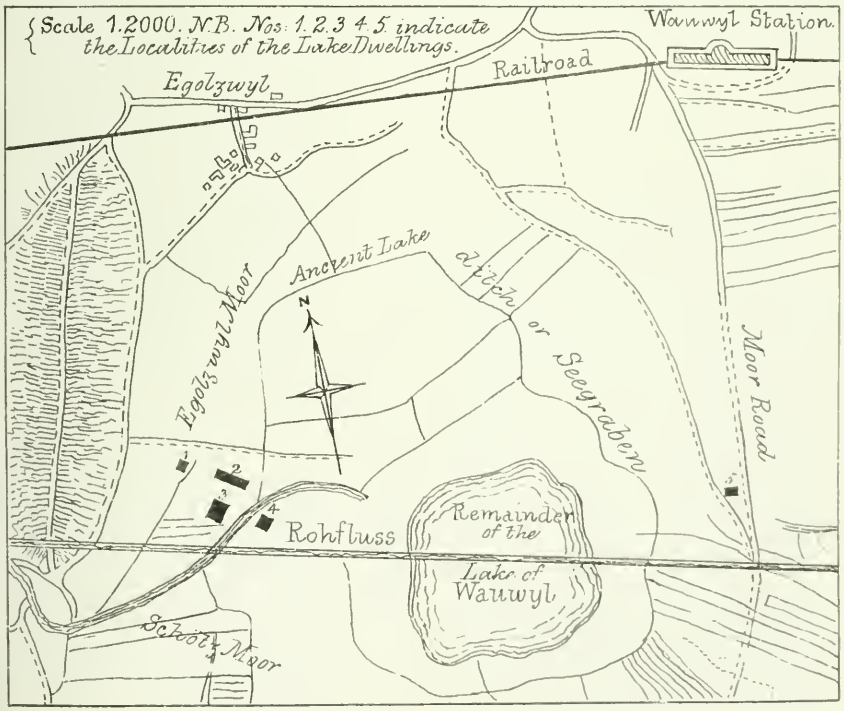

Peat
Piles
Horizontal Timber
Shell marl
Sand
Lowest bed of the Lake-Gravel.

2


11 feet
Bed of the Lake
Alt. Grun.

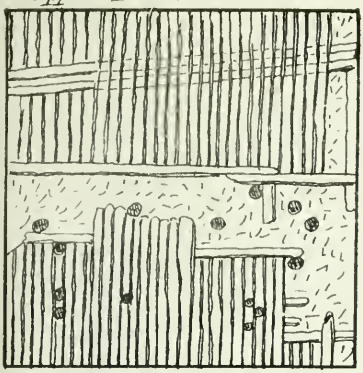
3


96 feet
53 feet
N

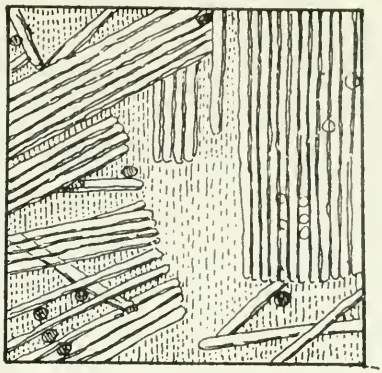

Scale 1.2000. N.B. Nos. 1.2.3 4.5. indicate the Localities of the Lake Dwellings.
Wauwyl Station.
Railroad
Egolzwyl
Ancient Lake
Egolzwyl Moor
Ditch or Seegraben
Moor Road
N
Rohrfluss
Remainder of the Lake of Wauwyl
School Moor

WAUWYL.

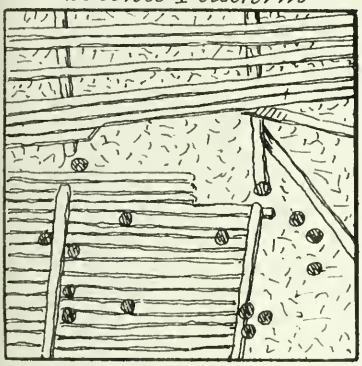
Upper Platform

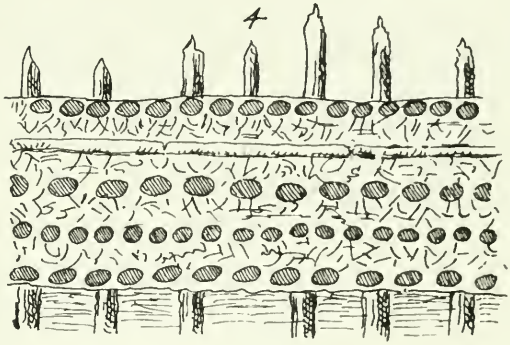


Fifth Platform

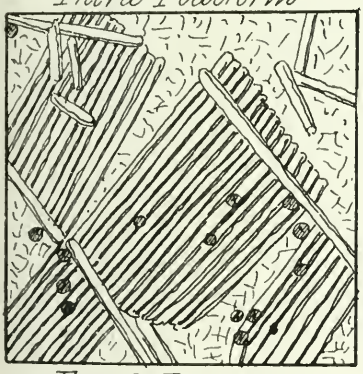


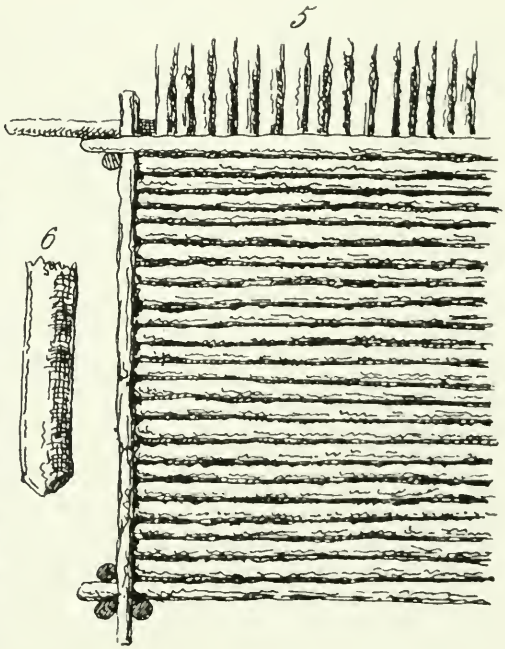
Second Platform





Third Platform





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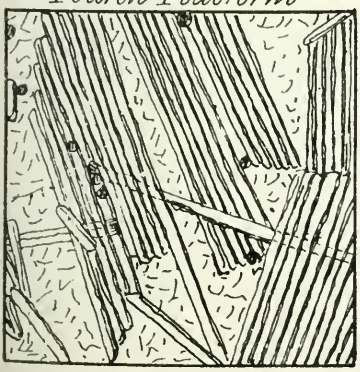

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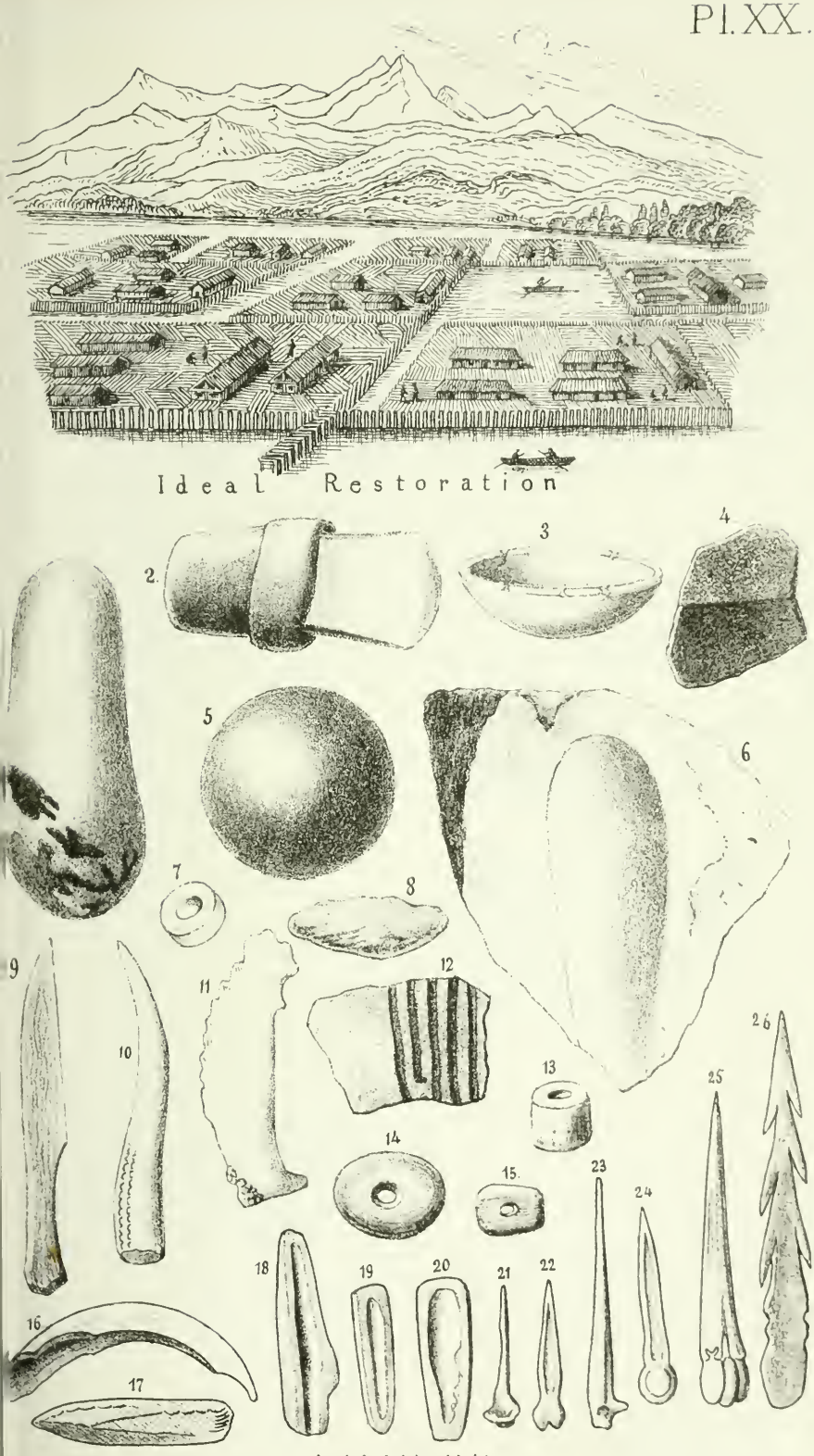
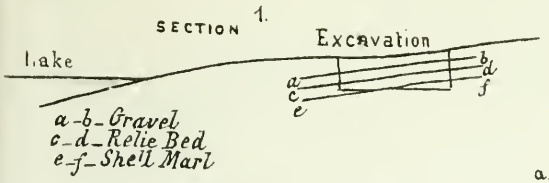
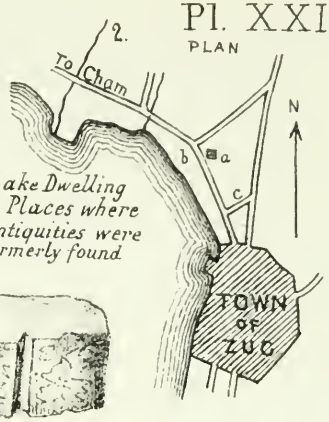
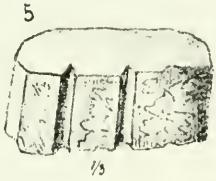


WAUWYL.

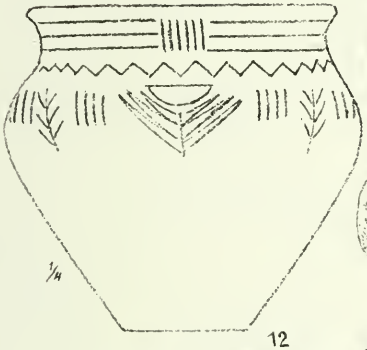
Fig. 7. Nat. Size Remainder. 1/3.

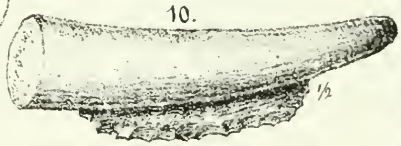


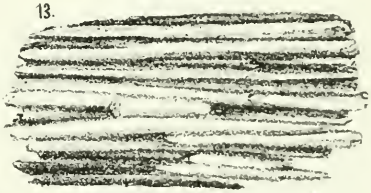




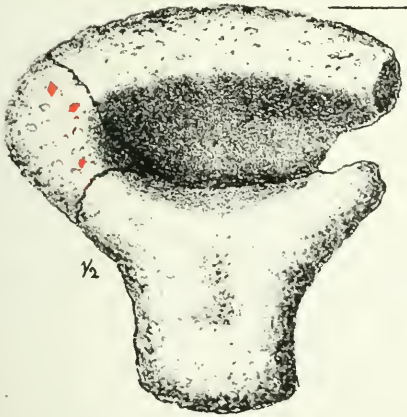
ZUG



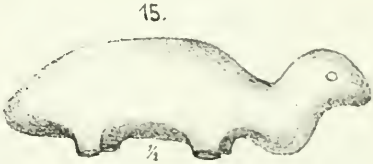




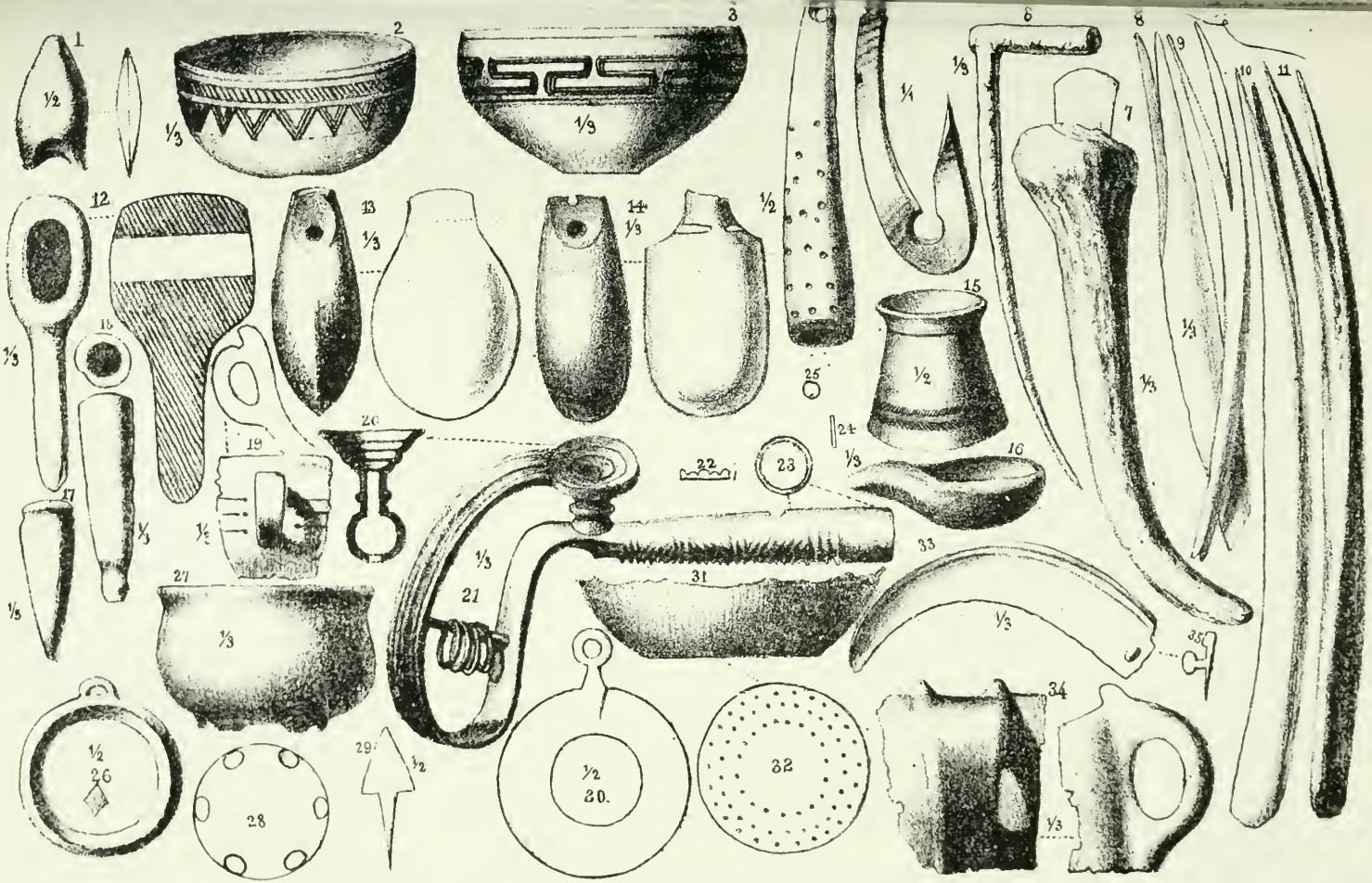
WANGEN



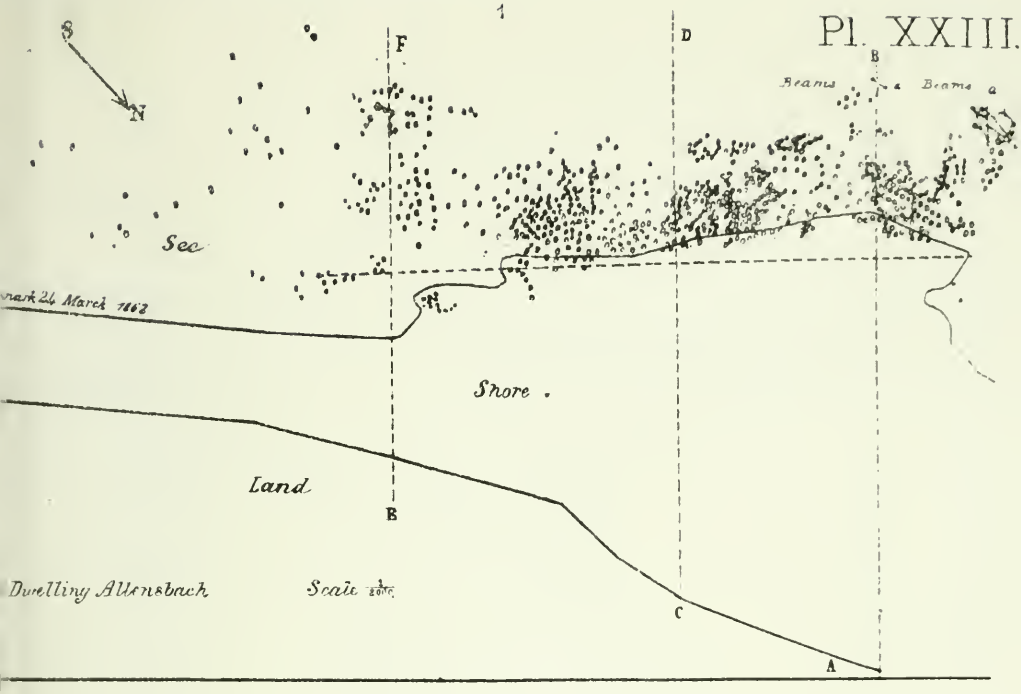
ROBENHAUSEN

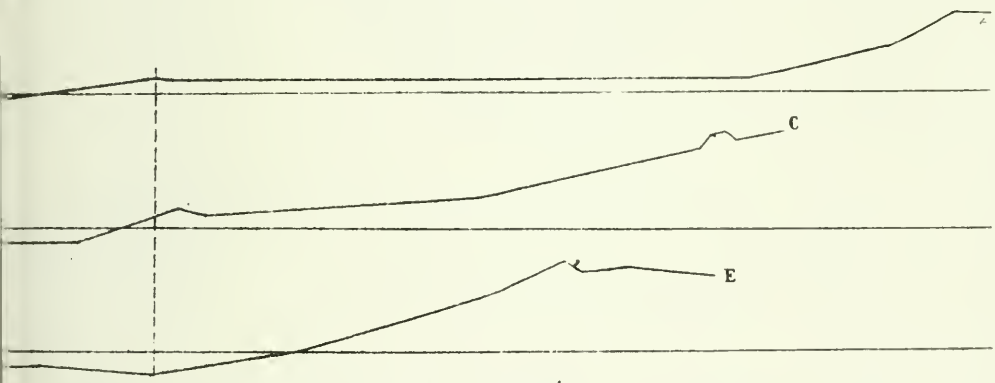


NIDAU

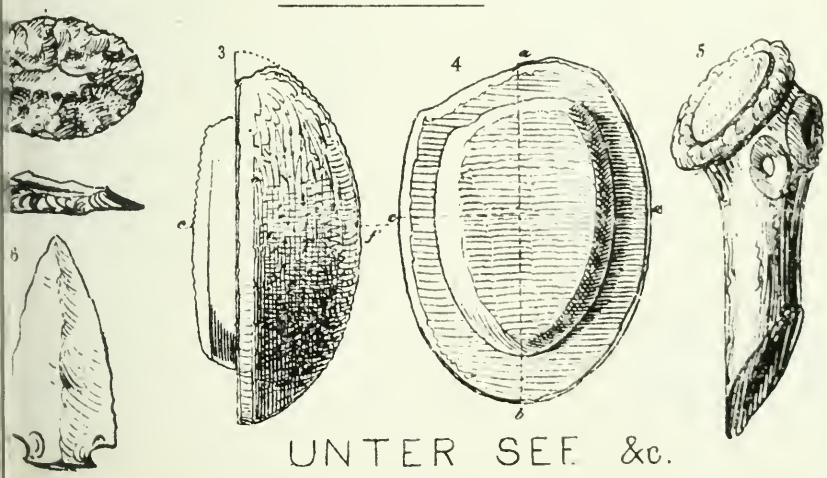


ZUG CHEVROUX WAUWYL &c.

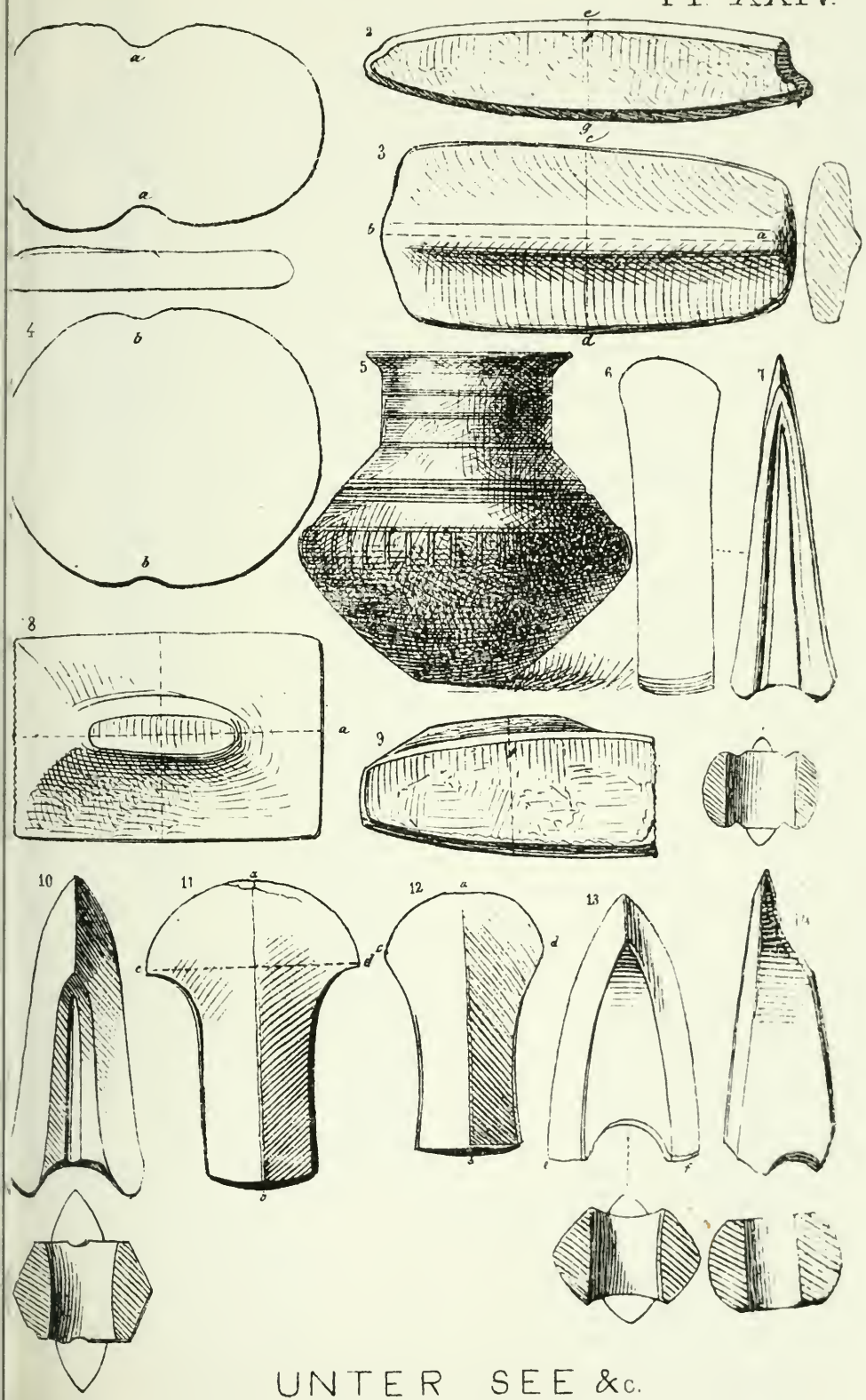




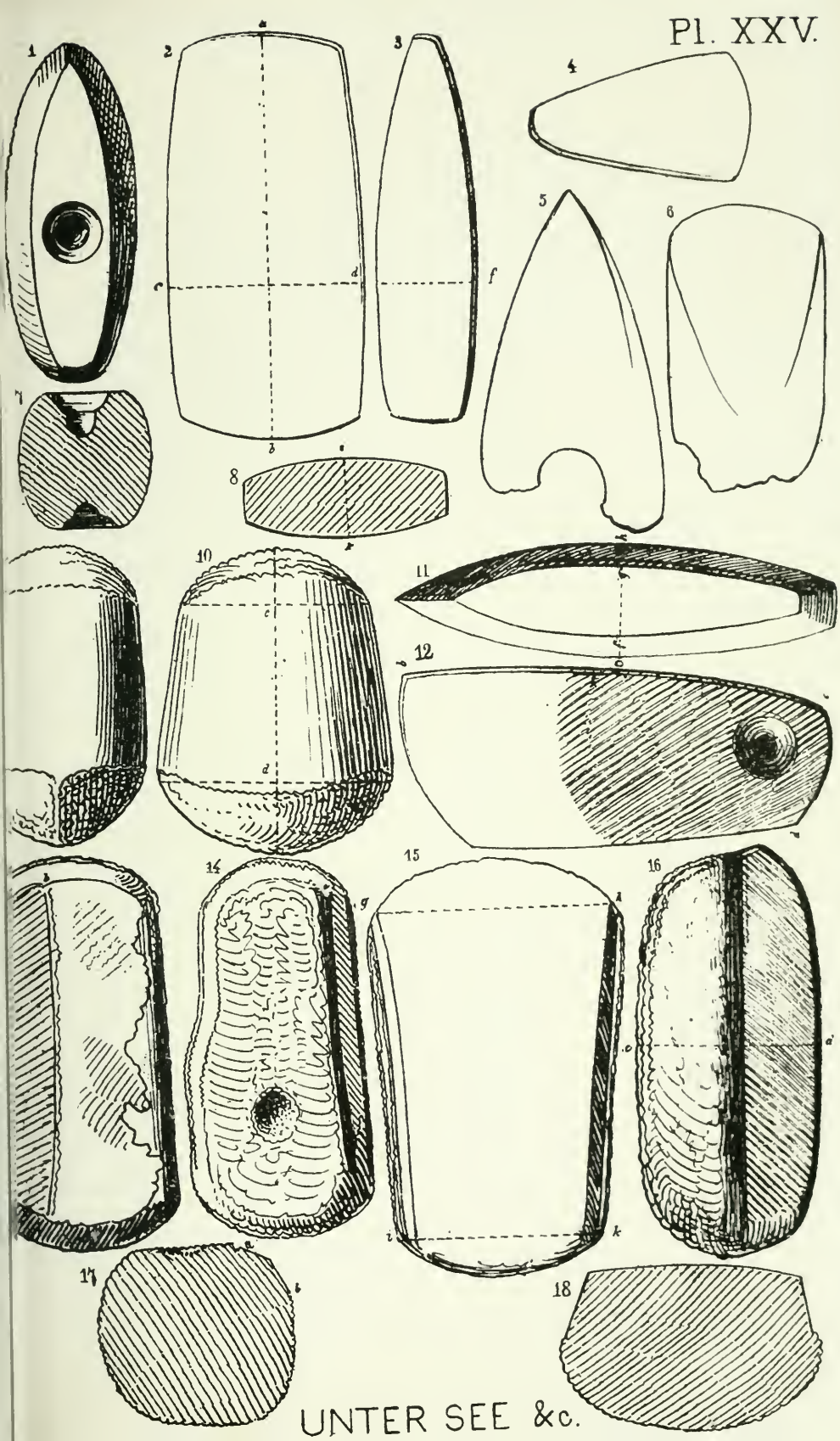
Section of the above, Scale 1000



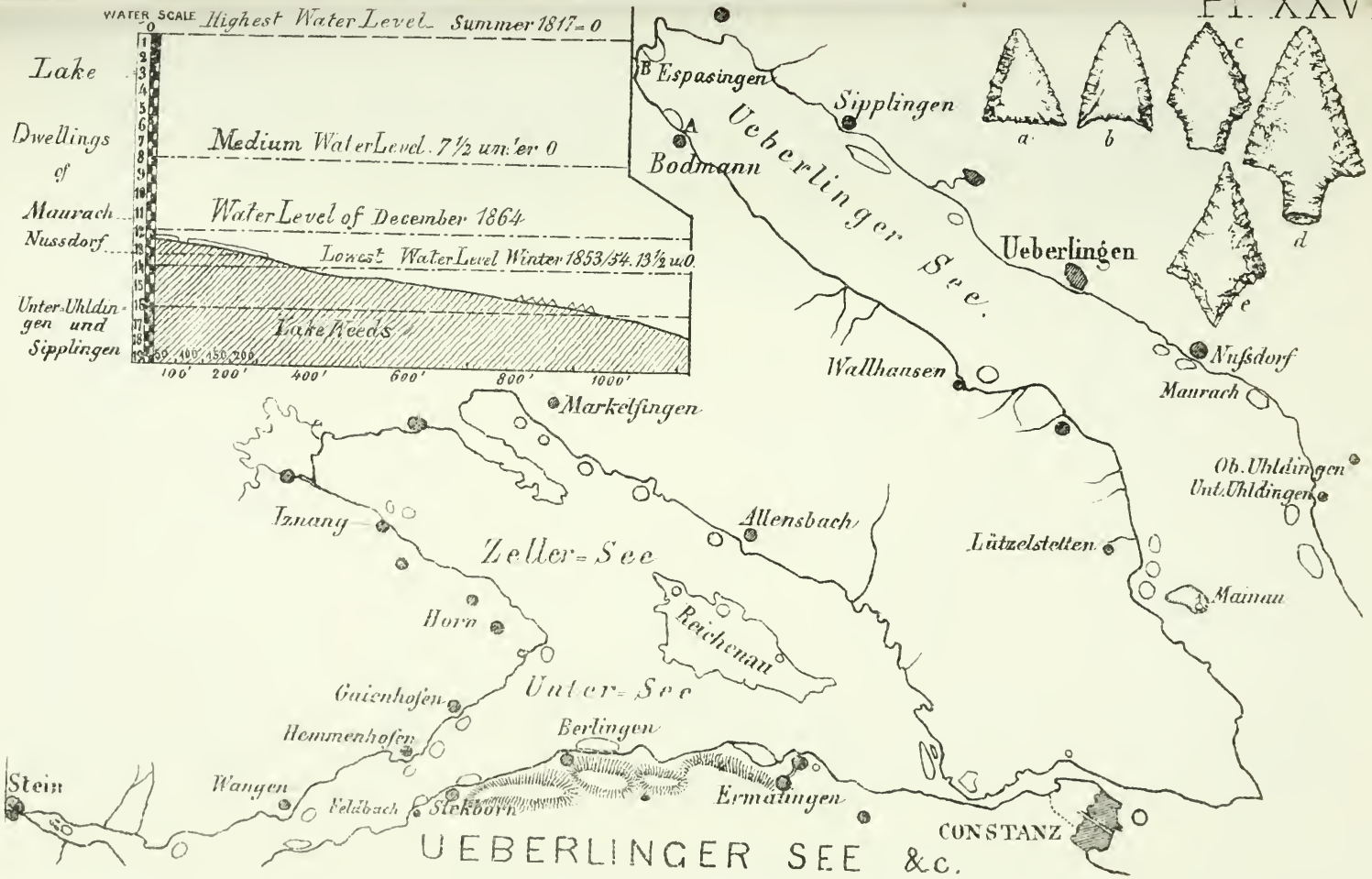
UNTER SEE &c.

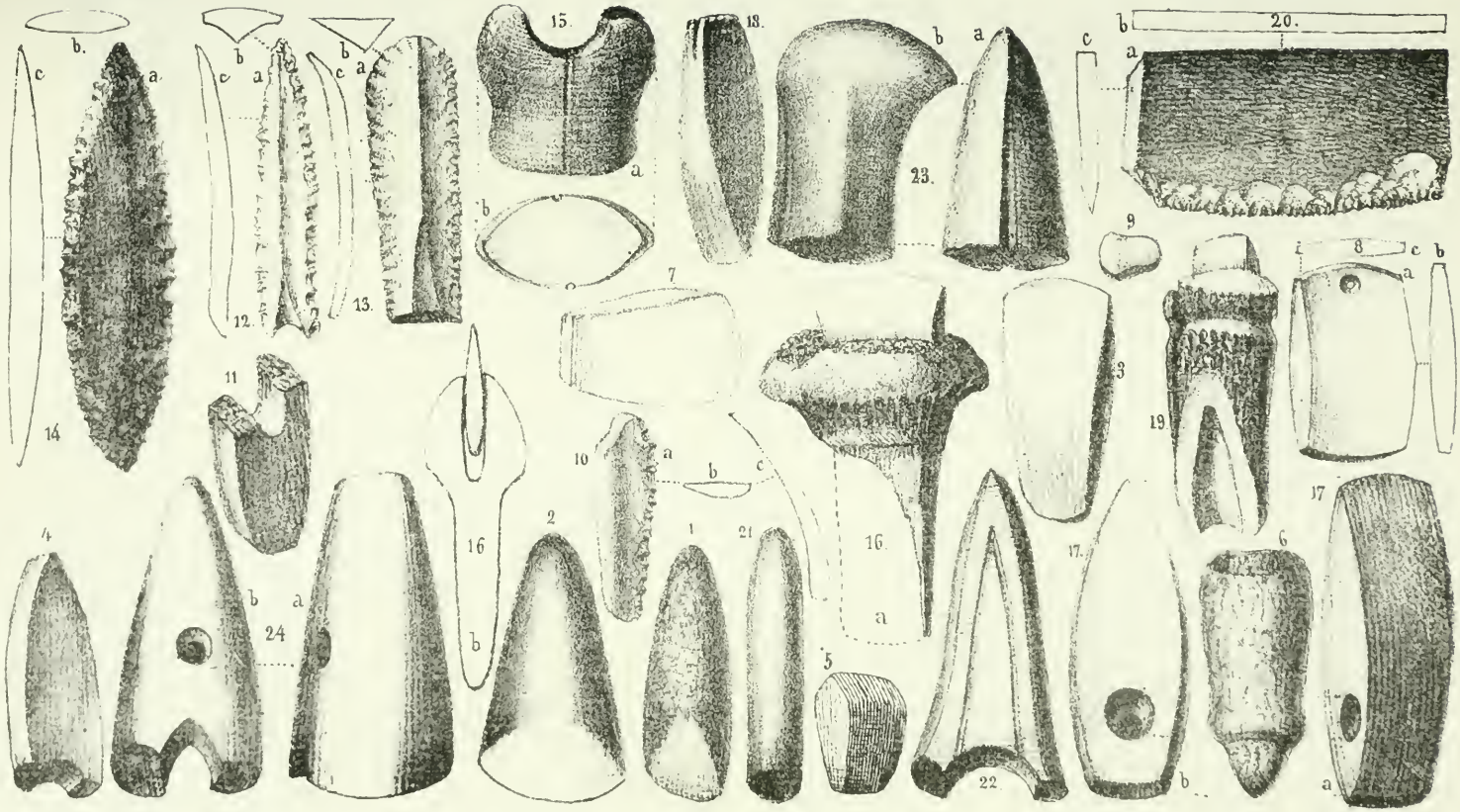


UNTER SEE &c.



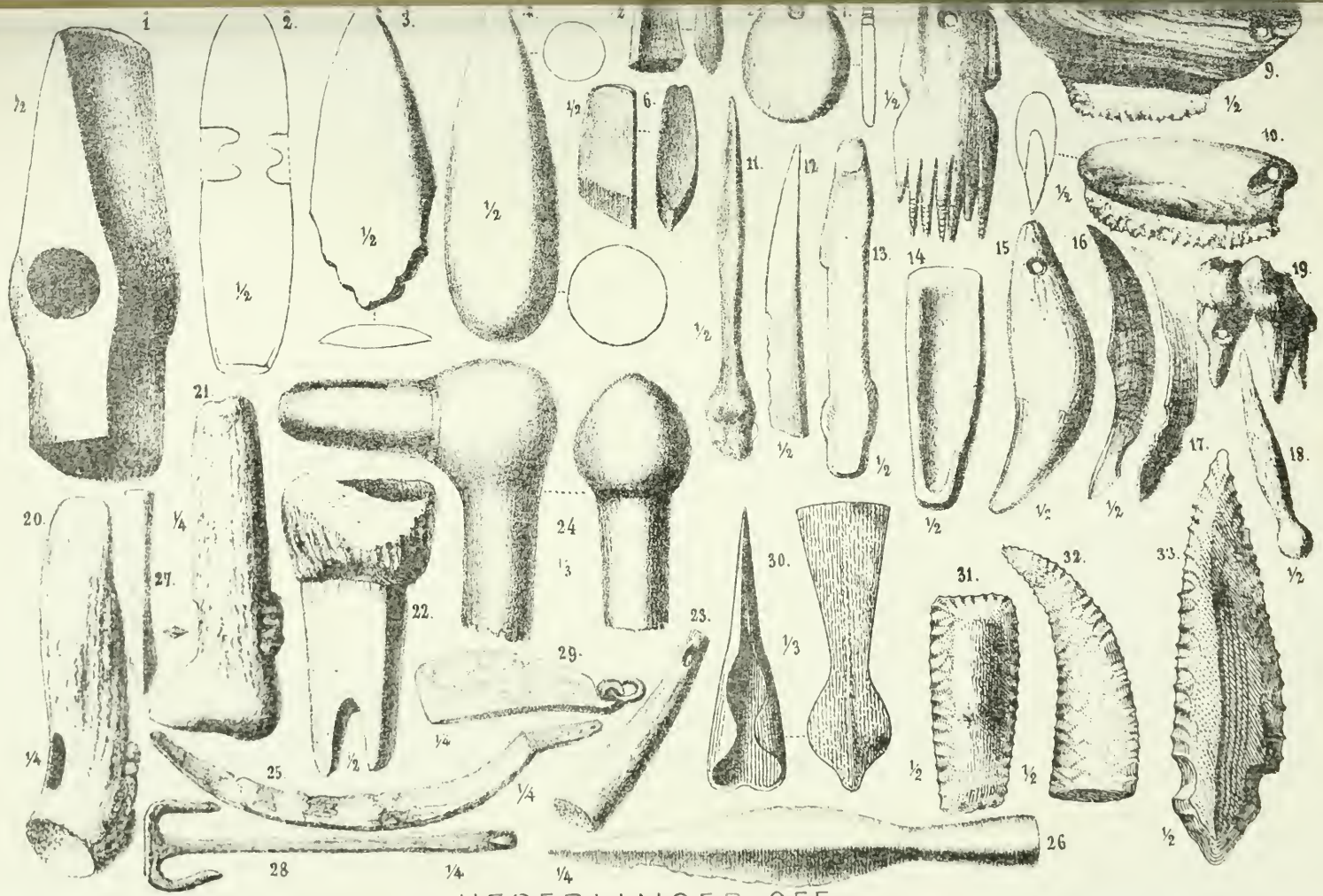
UNTER SEE &c.


WATER SCALE
Highest Water Level Summer 1817 = 0
Lake Dwellings of Maurach Nussdorf
Medium Water Level 7½ under 0
Water Level of December 1864
Lowest Water Level Winter 1853/54 13½ u. 0
Unter-Uhldingen und Sipplingen
Lake Reeds
100' 200' 400' 600' 800' 1000'
B Espasingen
A Bodmann
Sipplingen
Überlinger See
Überlingen
Wallhausen
Nußdorf
Maurach
Markelfingen
Ob. Uhldingen
Unt. Uhldingen
Iznang
Allensbach
Zeller-See
Lützelstetten
Mainau
Horn
Reichenau
Unter-See
Gaienhofen
Hemmenhofen
Berlingen
Stein
Wangen
Feldbach
Steckborn
Ermatingen
CONSTANZ
a
b
c
d
e
ÜBERLINGER SEE &c.

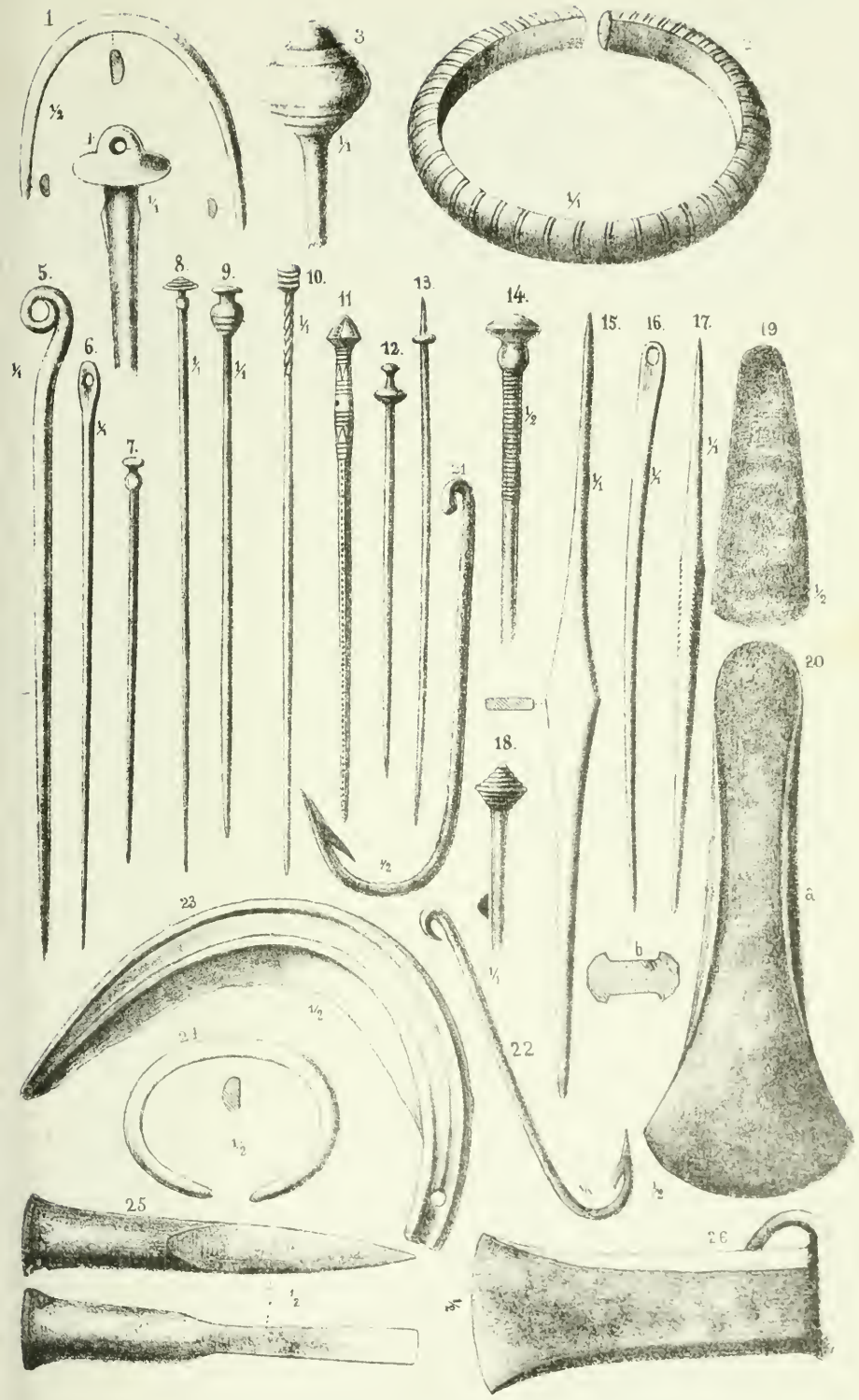


UEBERLINGER SEE.

½ Full Size



UEBERLINGER SEE.



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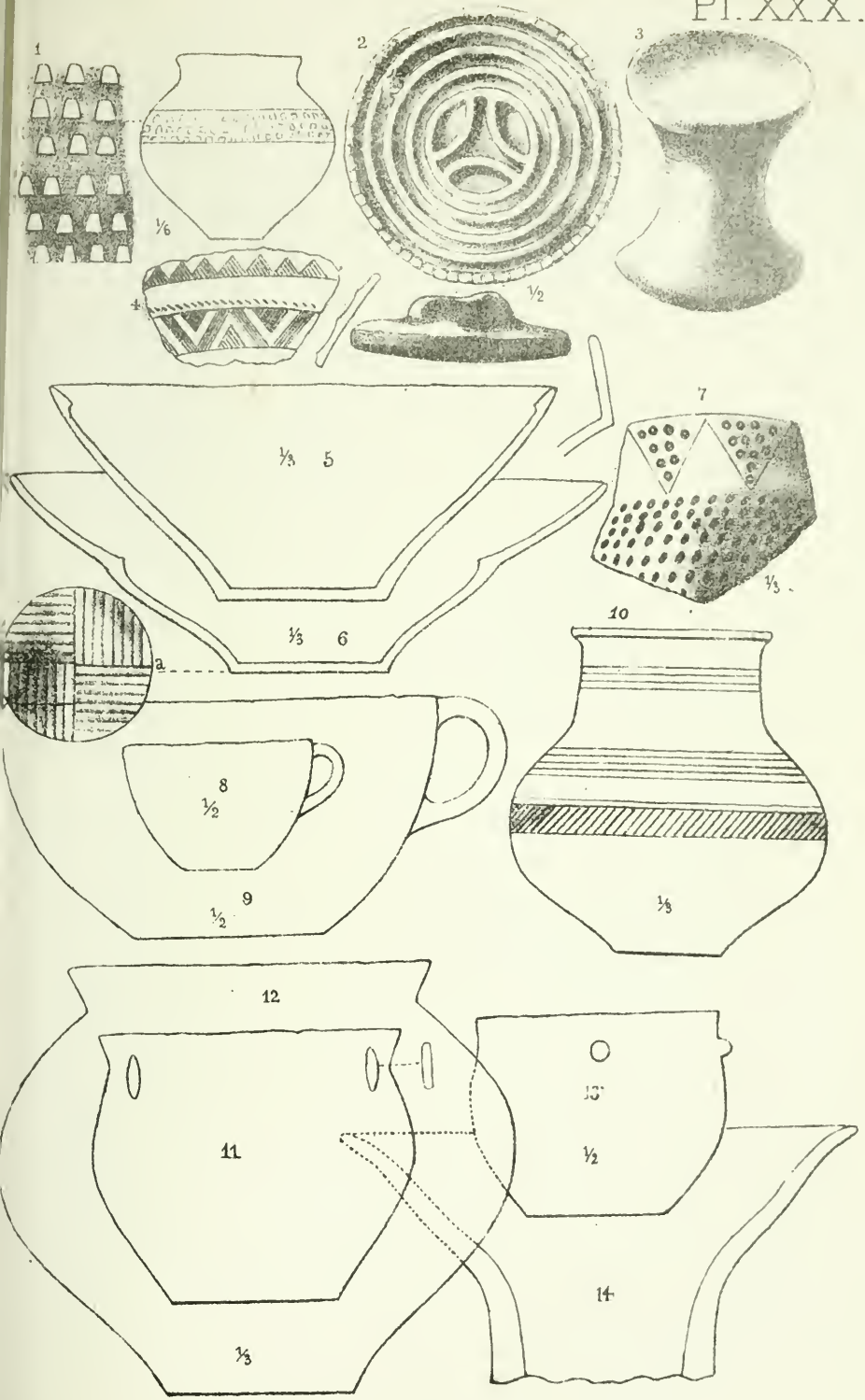

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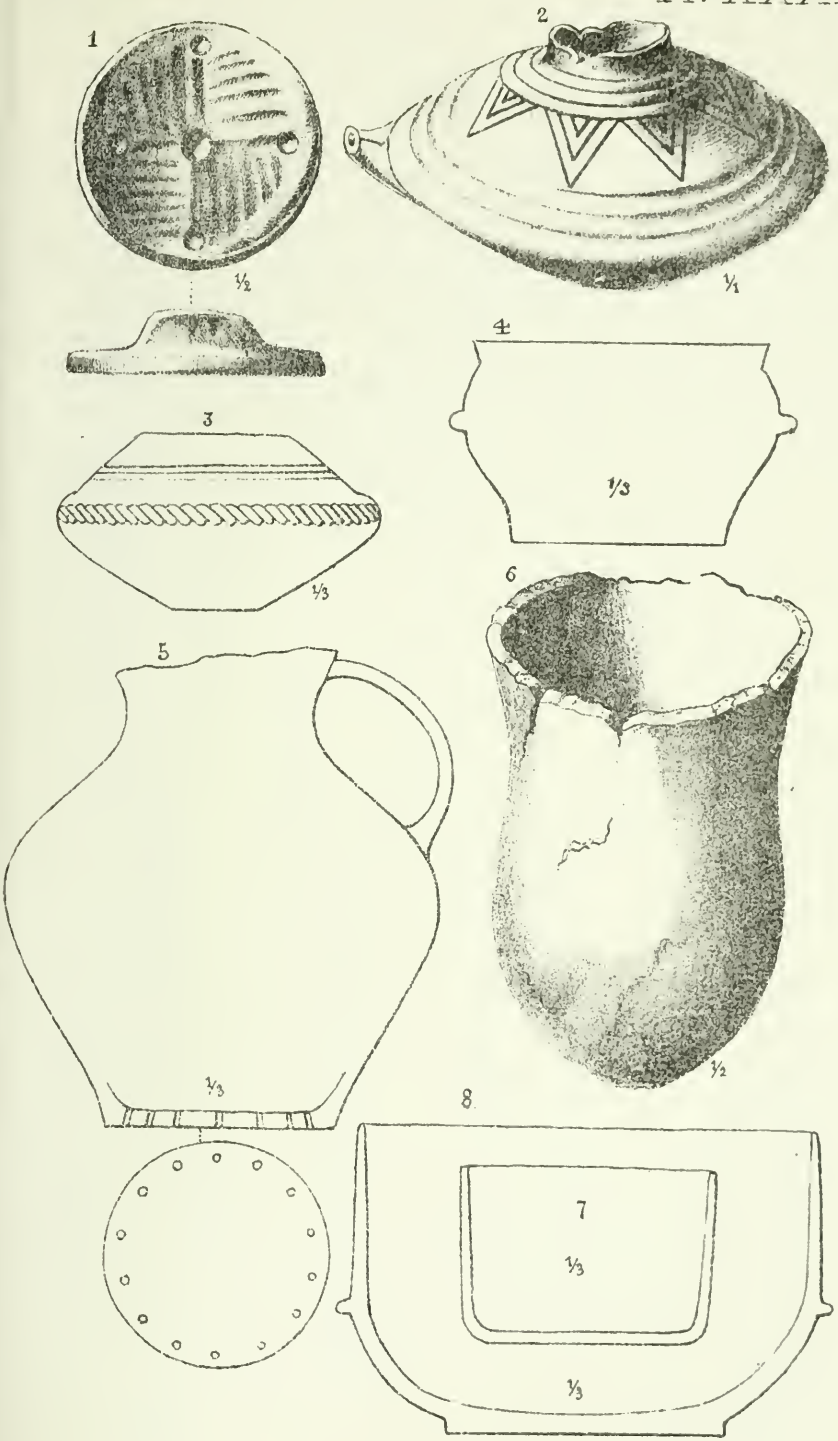
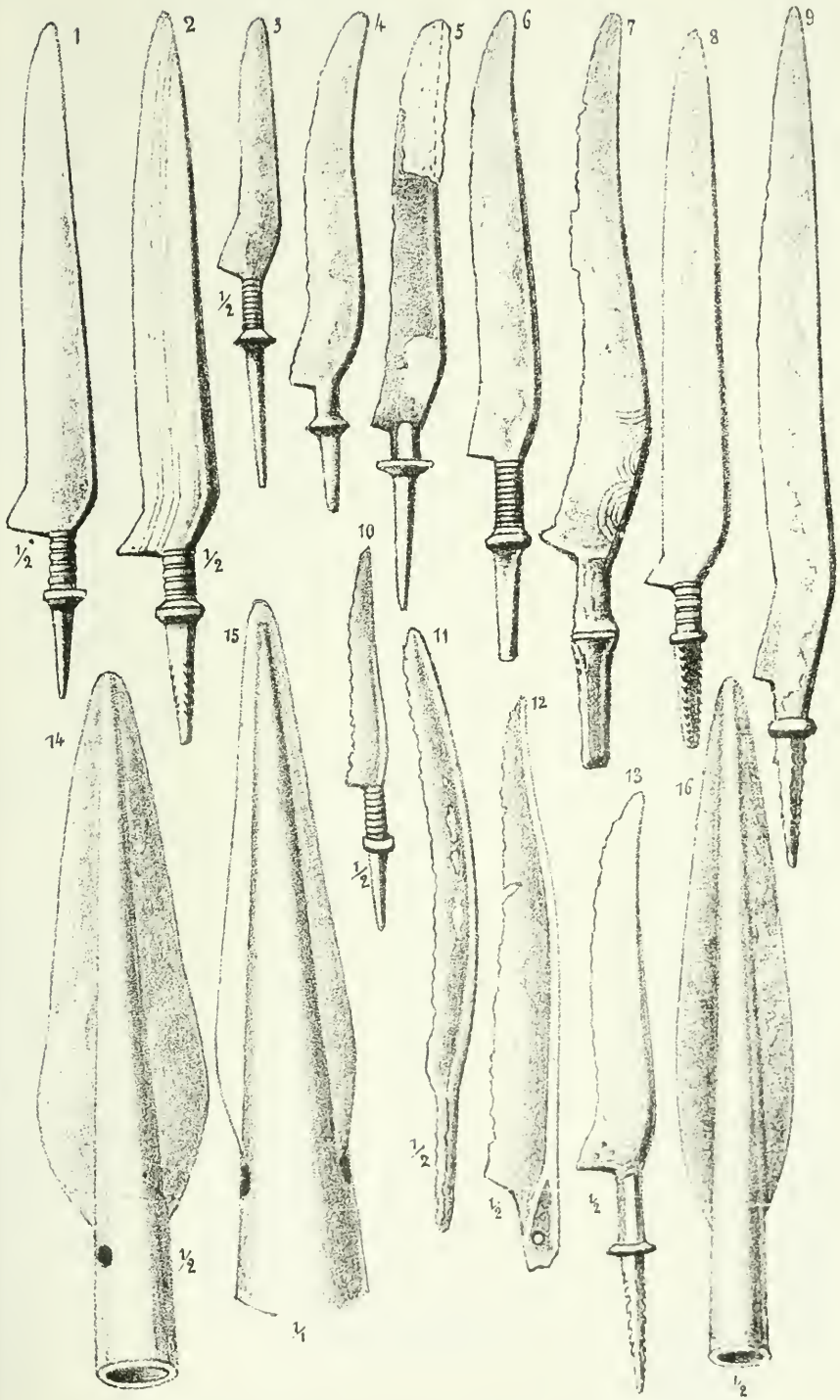
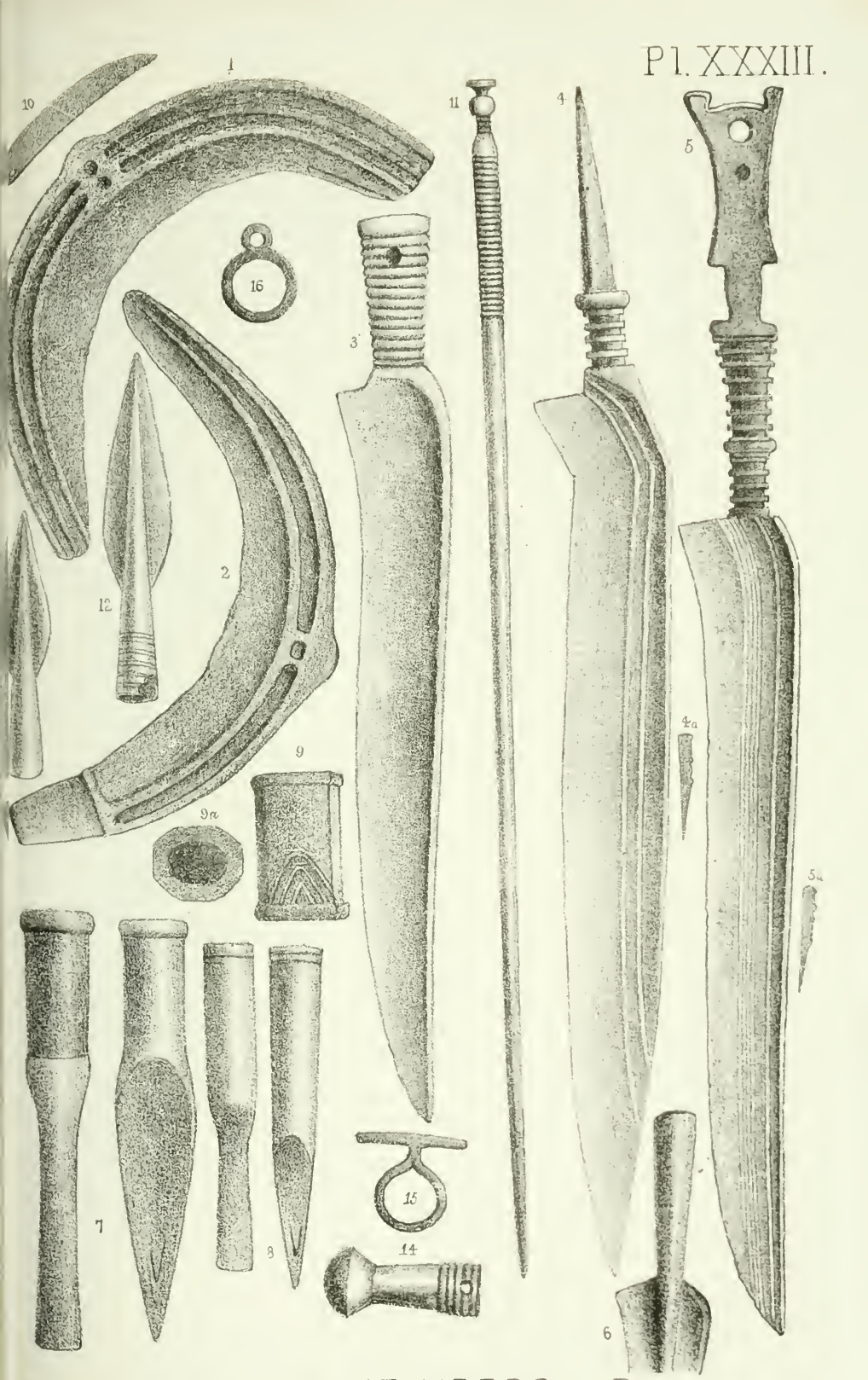


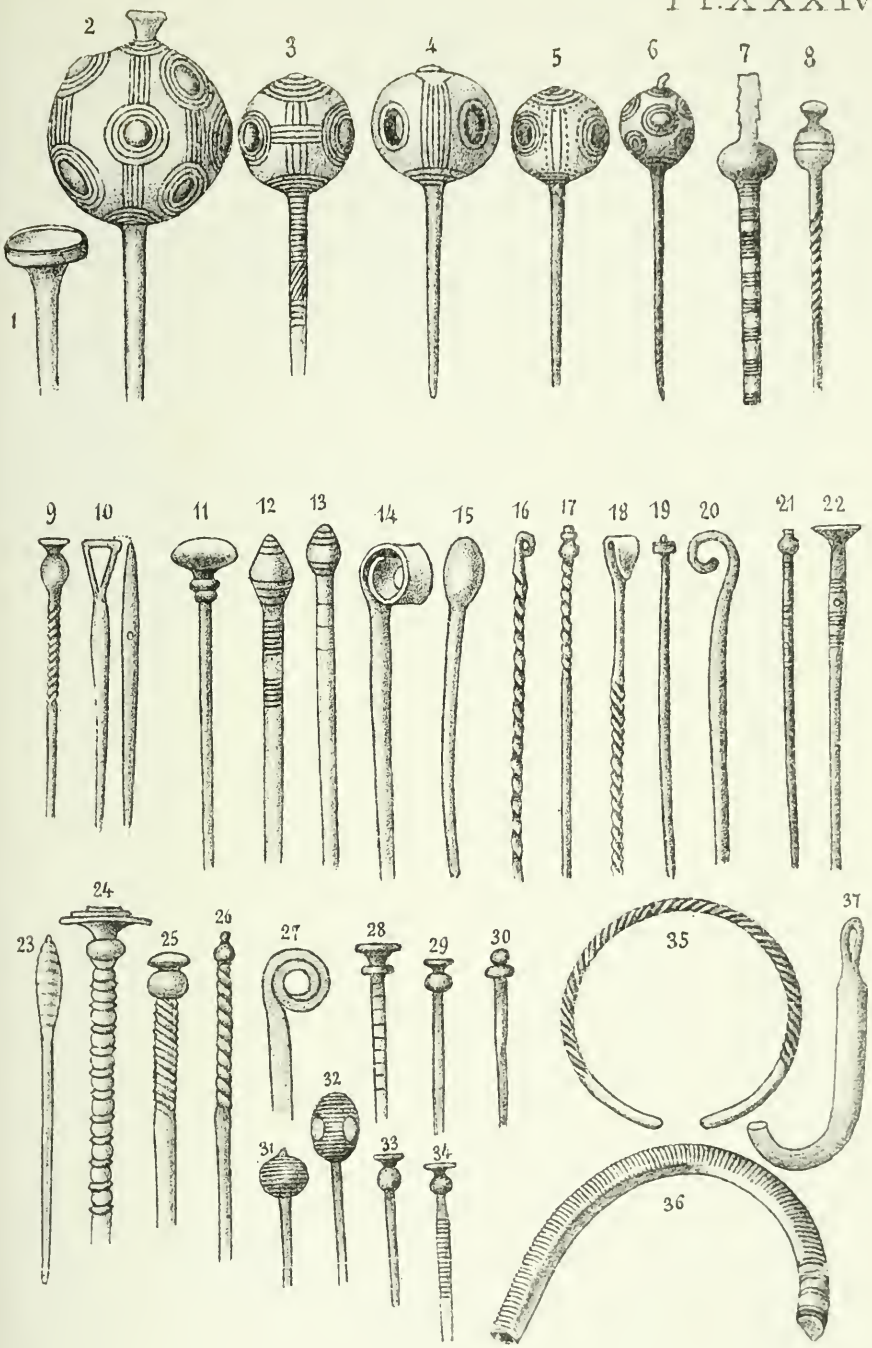
UEBERLINGER SEE.



UEBERLINGER SEE

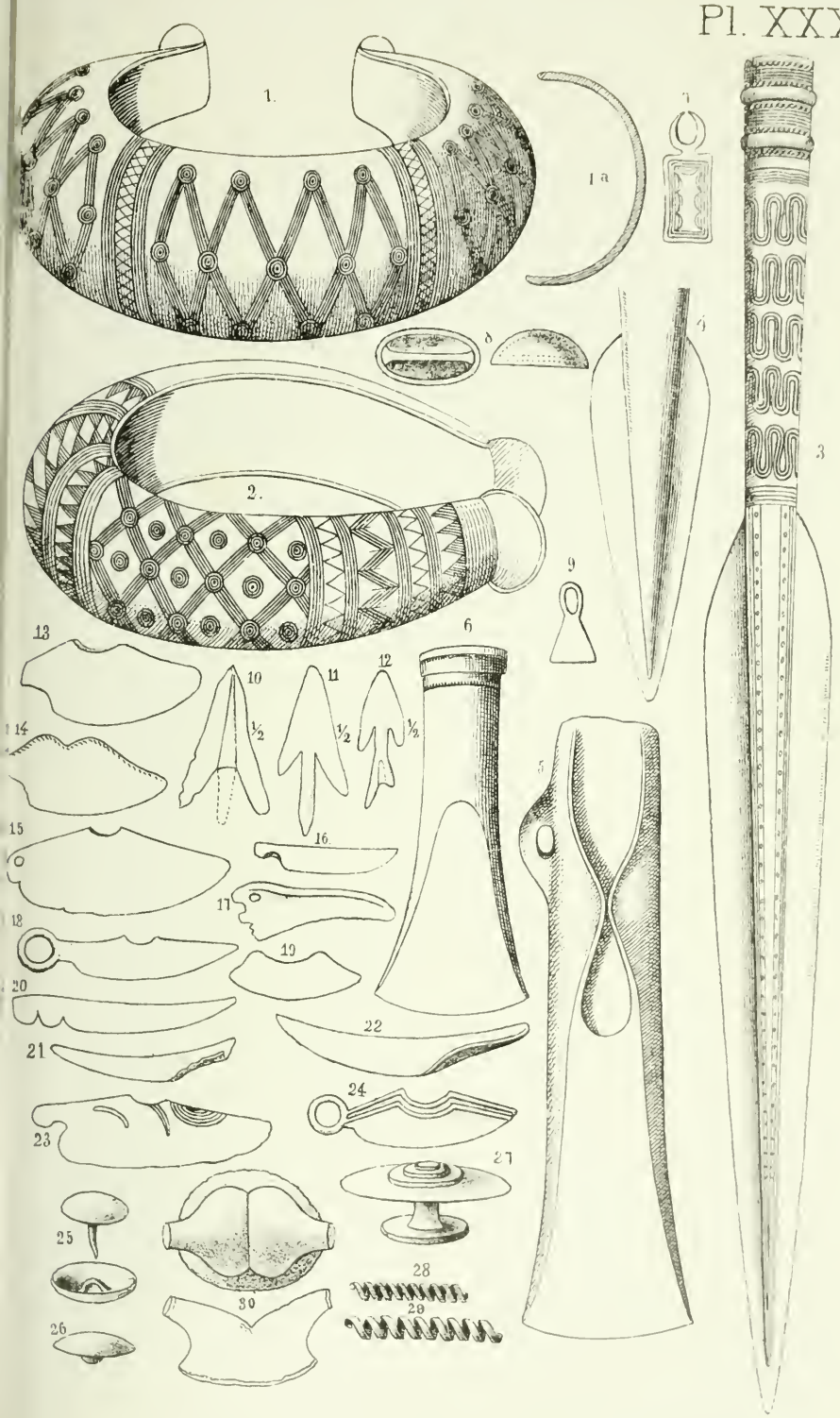


NIDAU STEINBERG. *Bronze.*



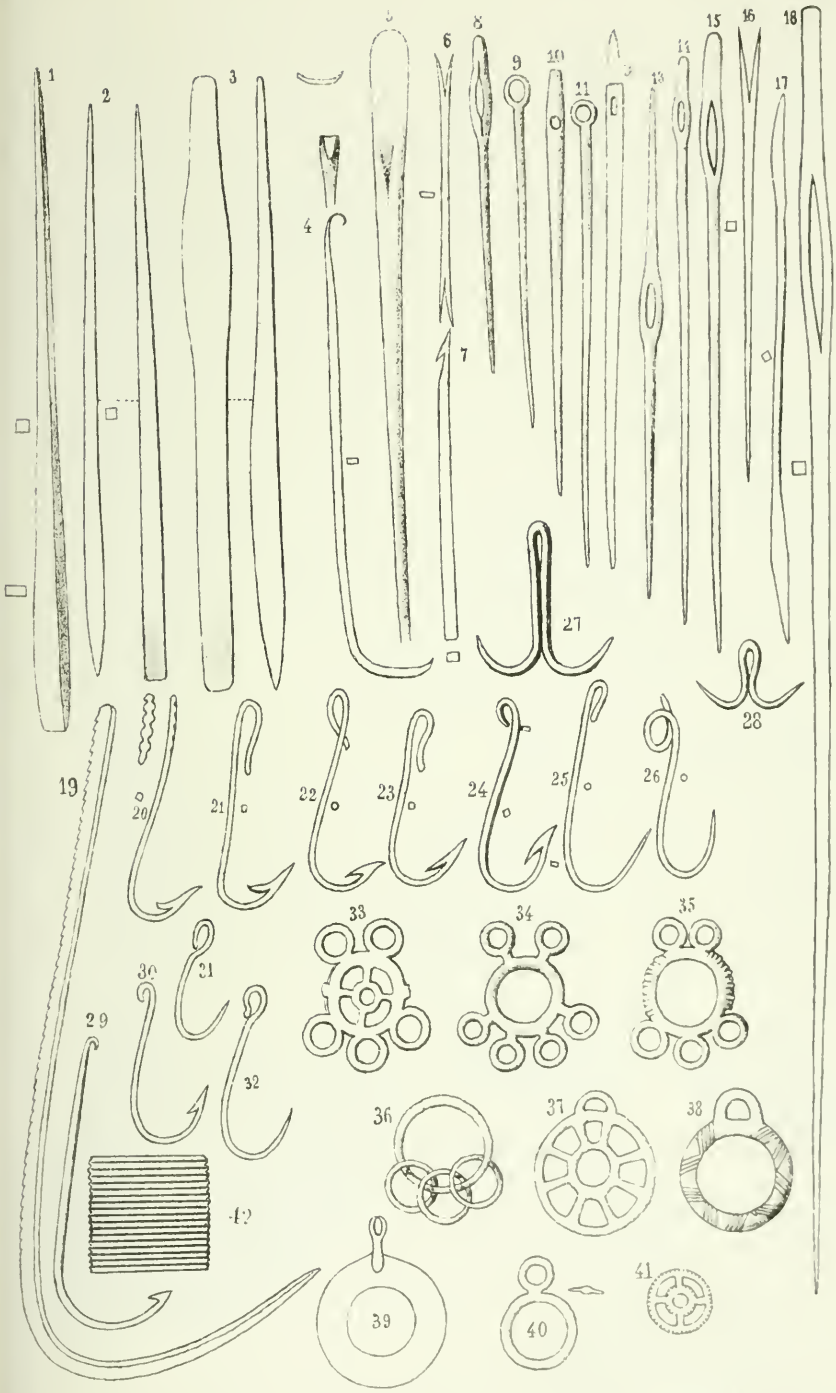
NIDAU_STEINBERG. Bronze.

Fig. 1_4. to 23. 28. to 30. 33 to 37 ½ size – 23. ⅔ size. 24 to 27. 31. 32. full size.



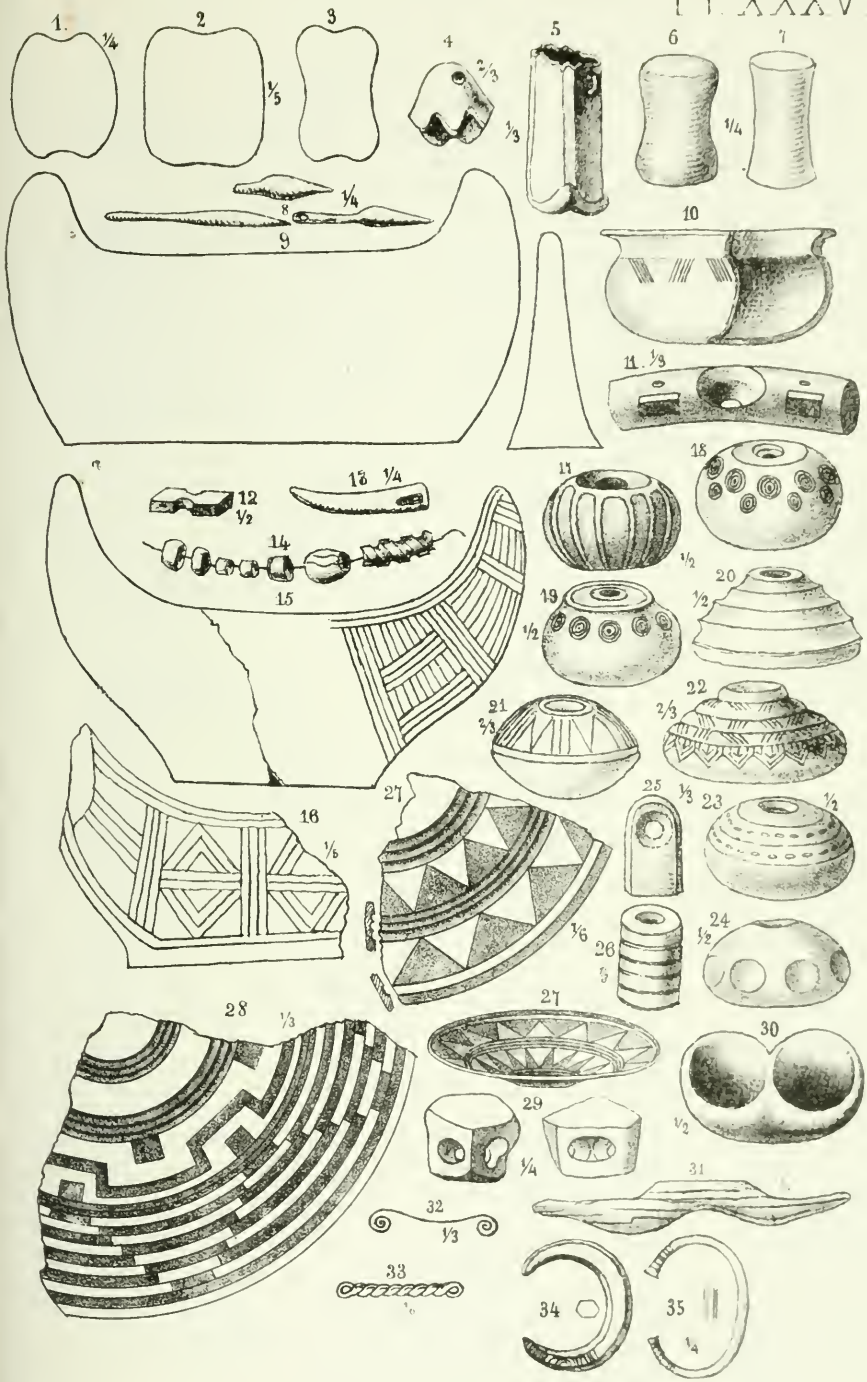
NIDAU-STEINBERG *Bronze.*

10 to 12. 25 to 27 30 ½ size 13 to 24 ⅓ size, Rem. full size.

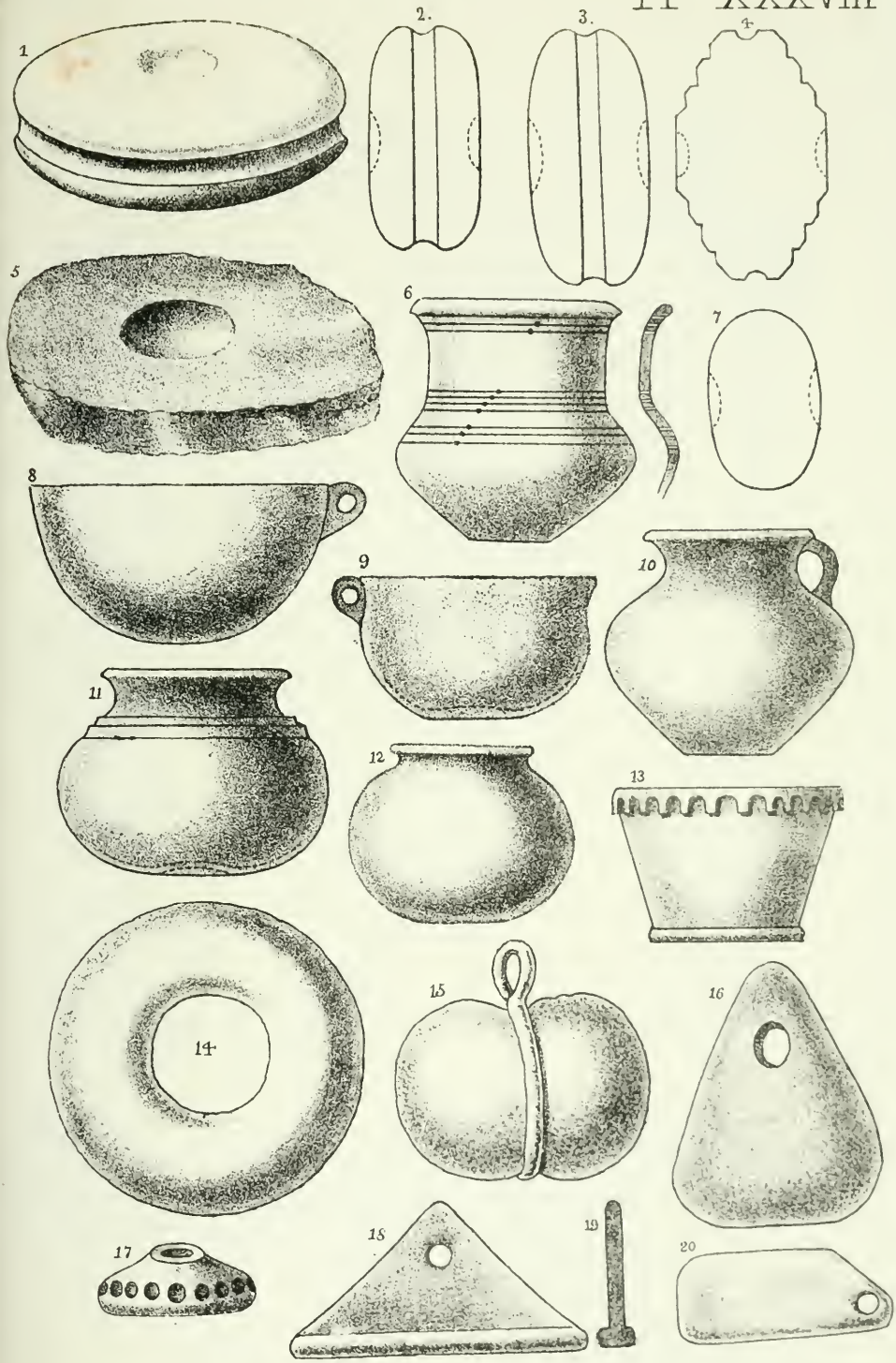


NIDAU-STEINBERG. *Bronze & Gold.*

Figs. 1 to 18 42 Full size 19. 33 to 41 ½. 20 to 32 ½ size.

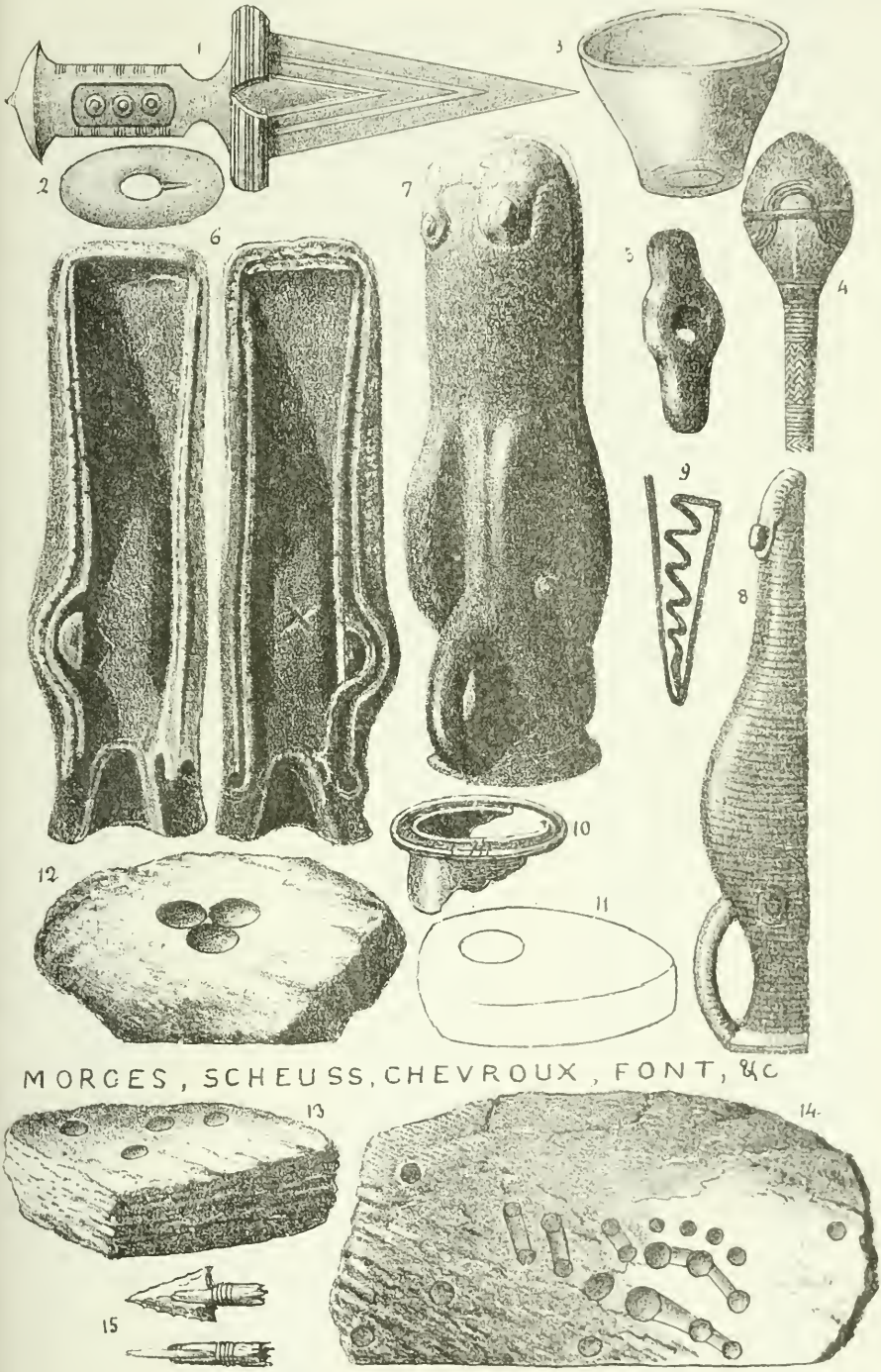


NIDAU STEINBERG



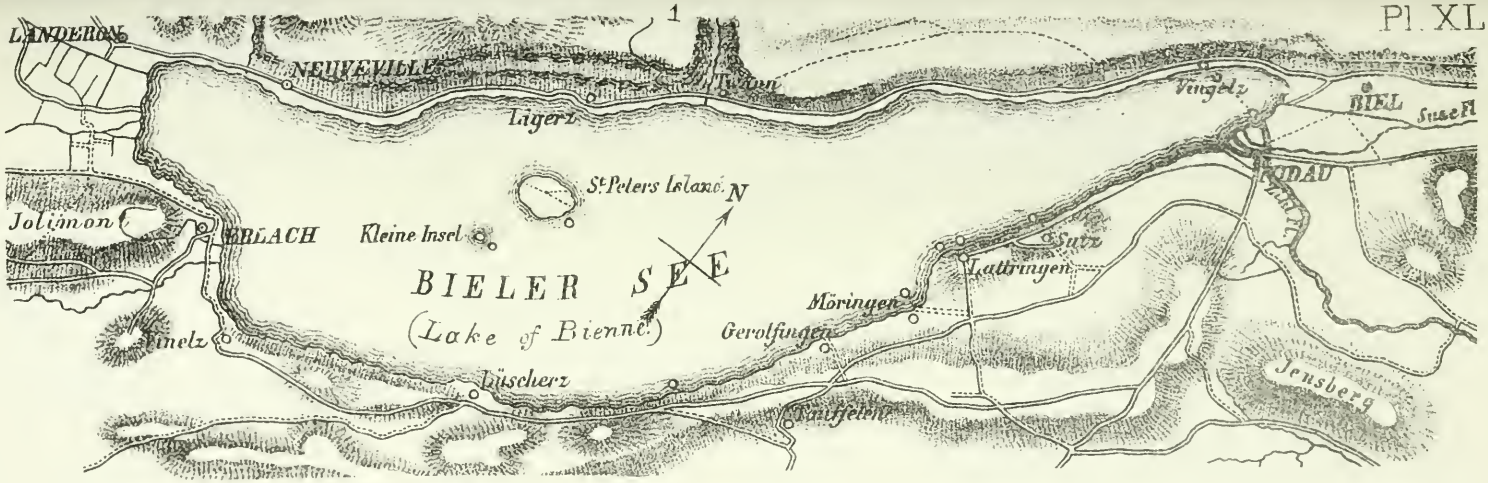
NIDAU STEINBERG &c.

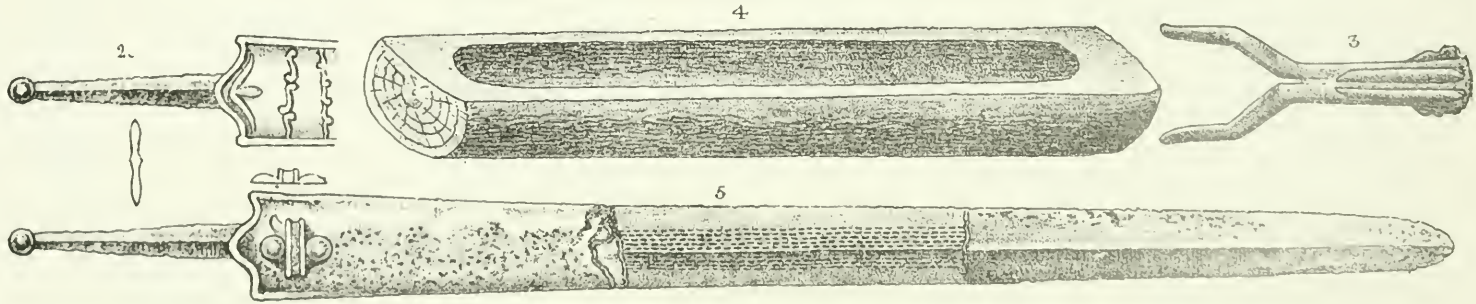
PlXXXIX



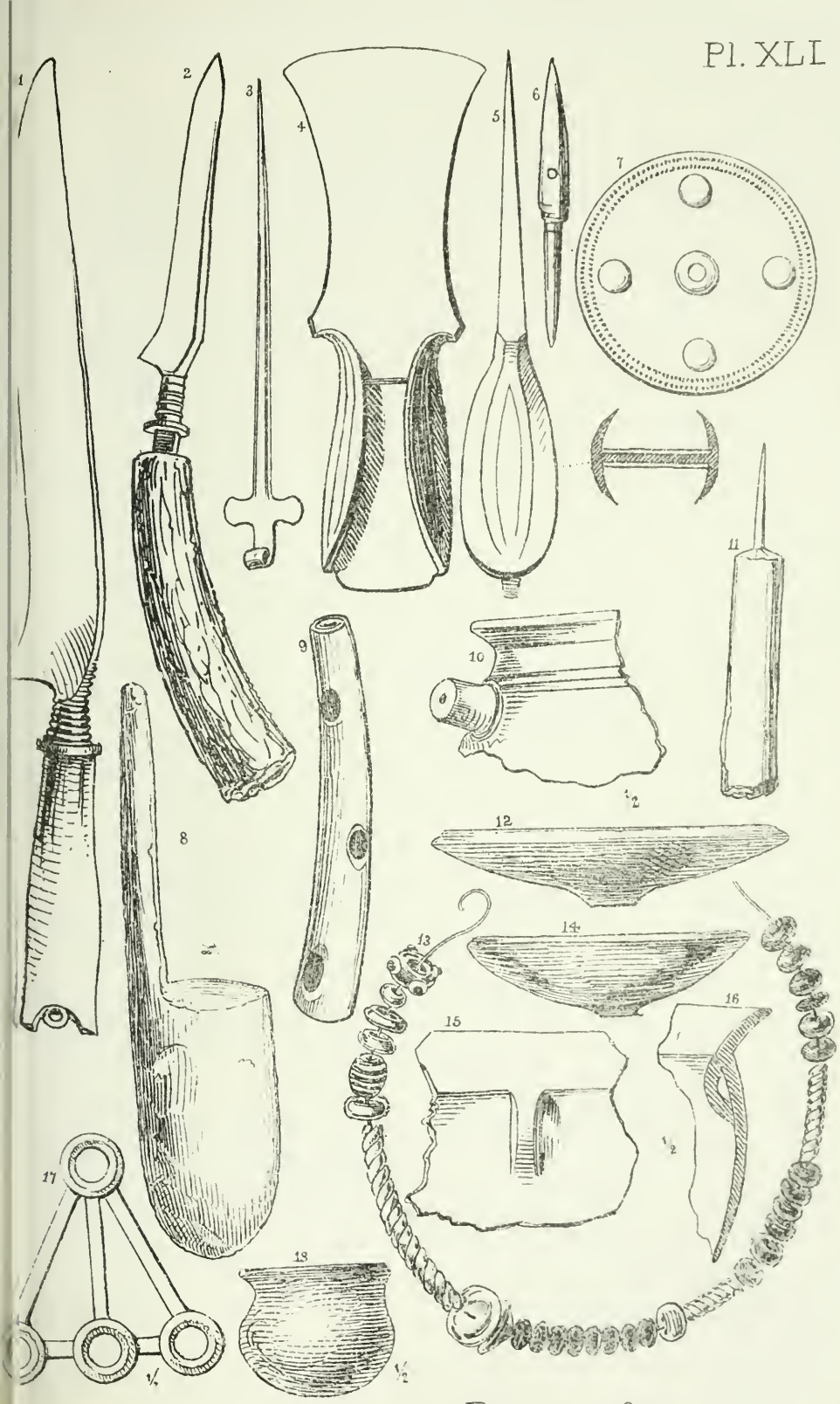
MORGES, SCHEUSS, CHEVROUX, FONT, &c

MAIN LAND FOR COMPARISON

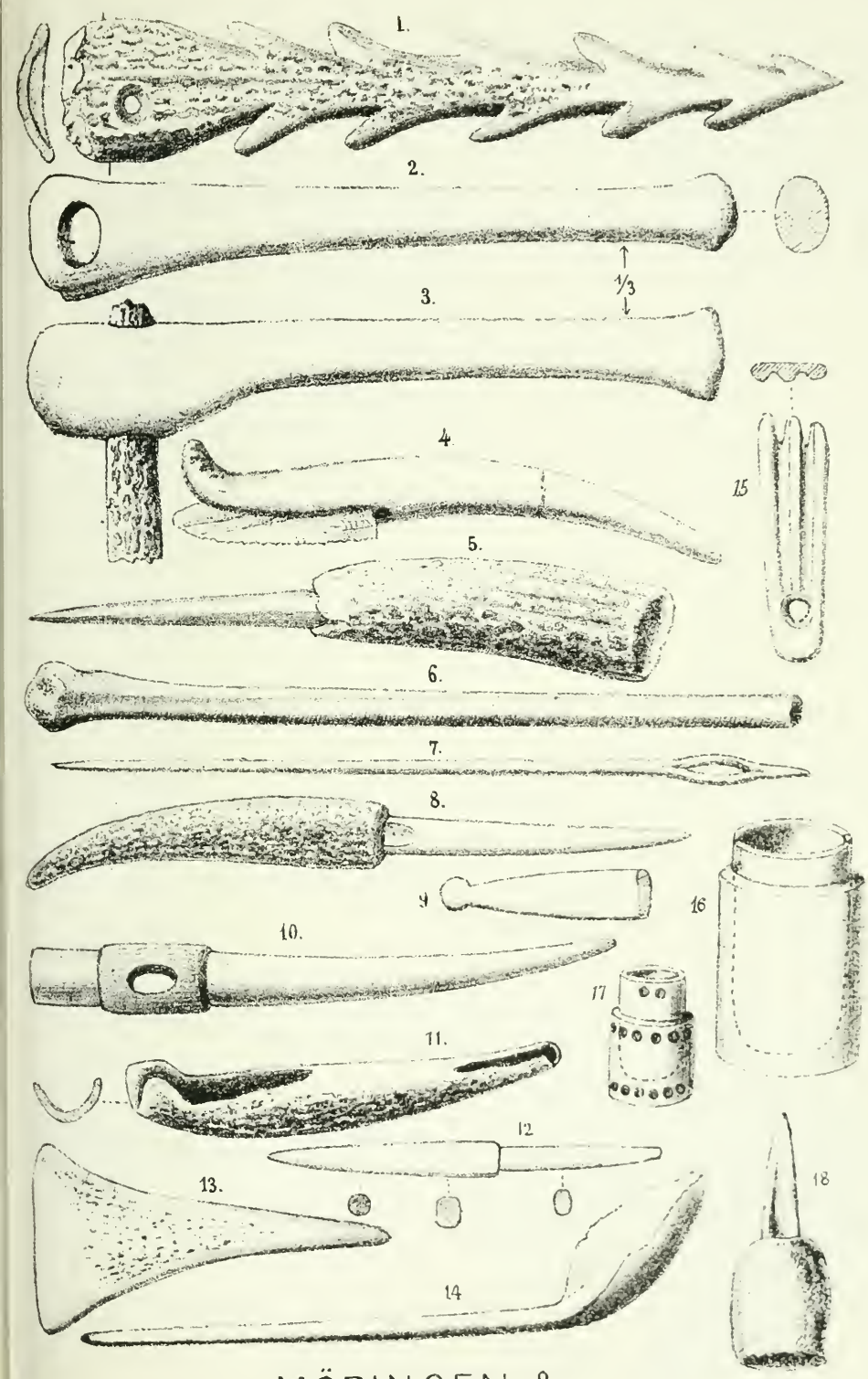

1
LANDERON
NEUVEVILLE
Tüscherz
Lügerz
Vingelz
BIEL
Suse R.
St. Peters Island
N
Jolimon
BRIEL
Kleine Insel
BIELER SEE
(Lake of Bienne)
Sutz
Lattrigen
Möringen
Gerolfingen
Finelz
Lüscherz
Tüffelen
Jensberg


2.
4
3
5

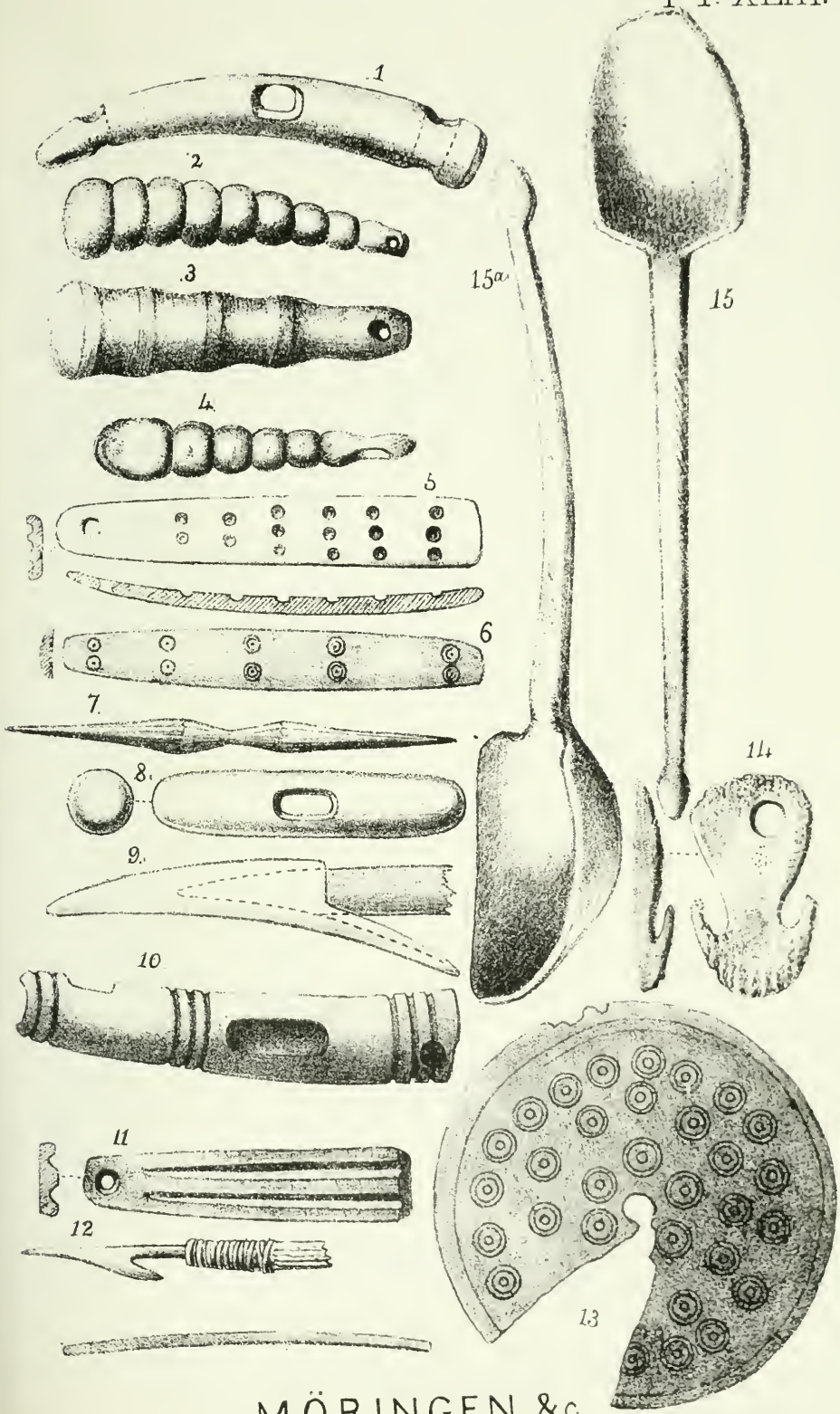
MÖRINGEN &c.



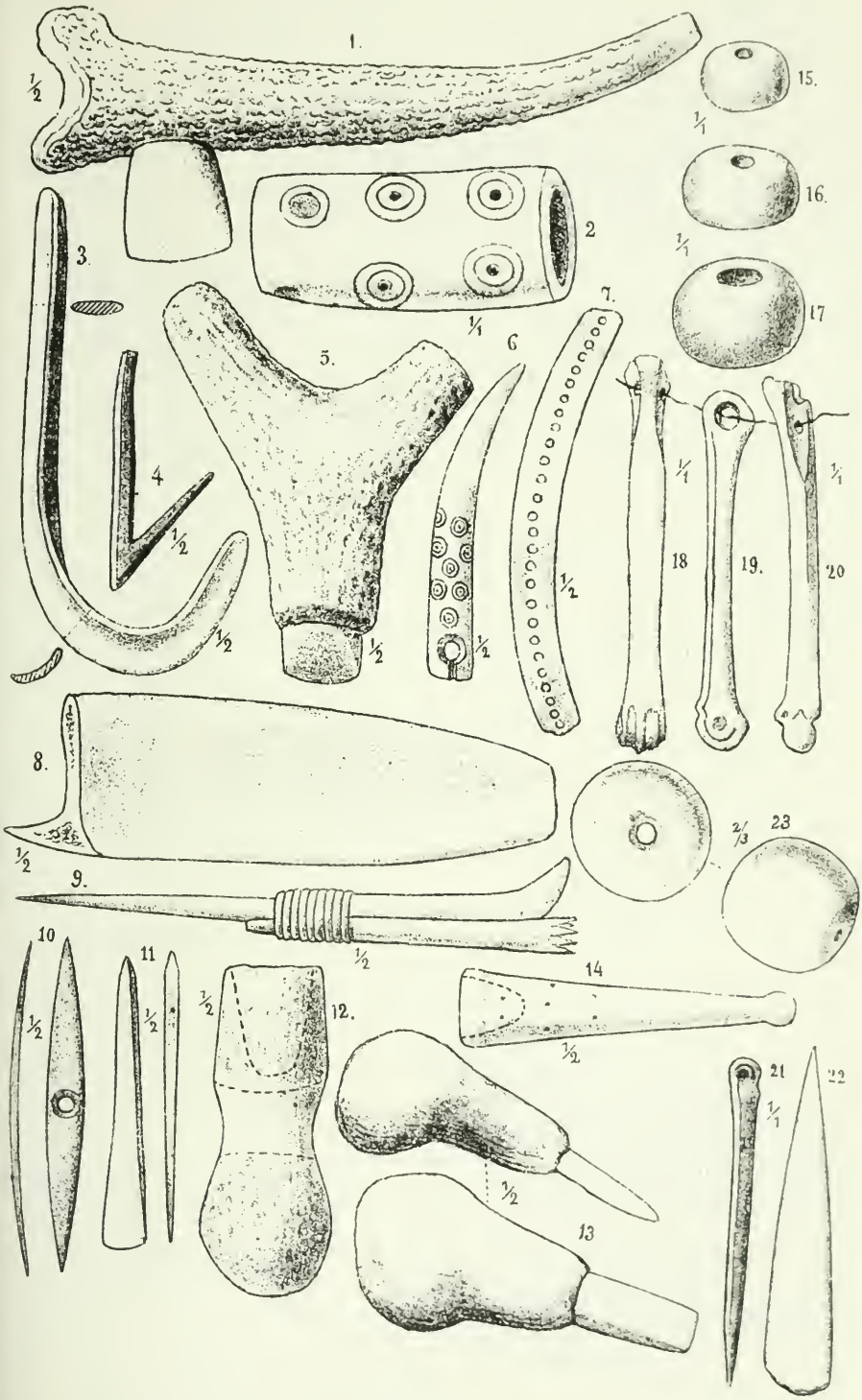
MÖRINGEN *Bronze &c.*



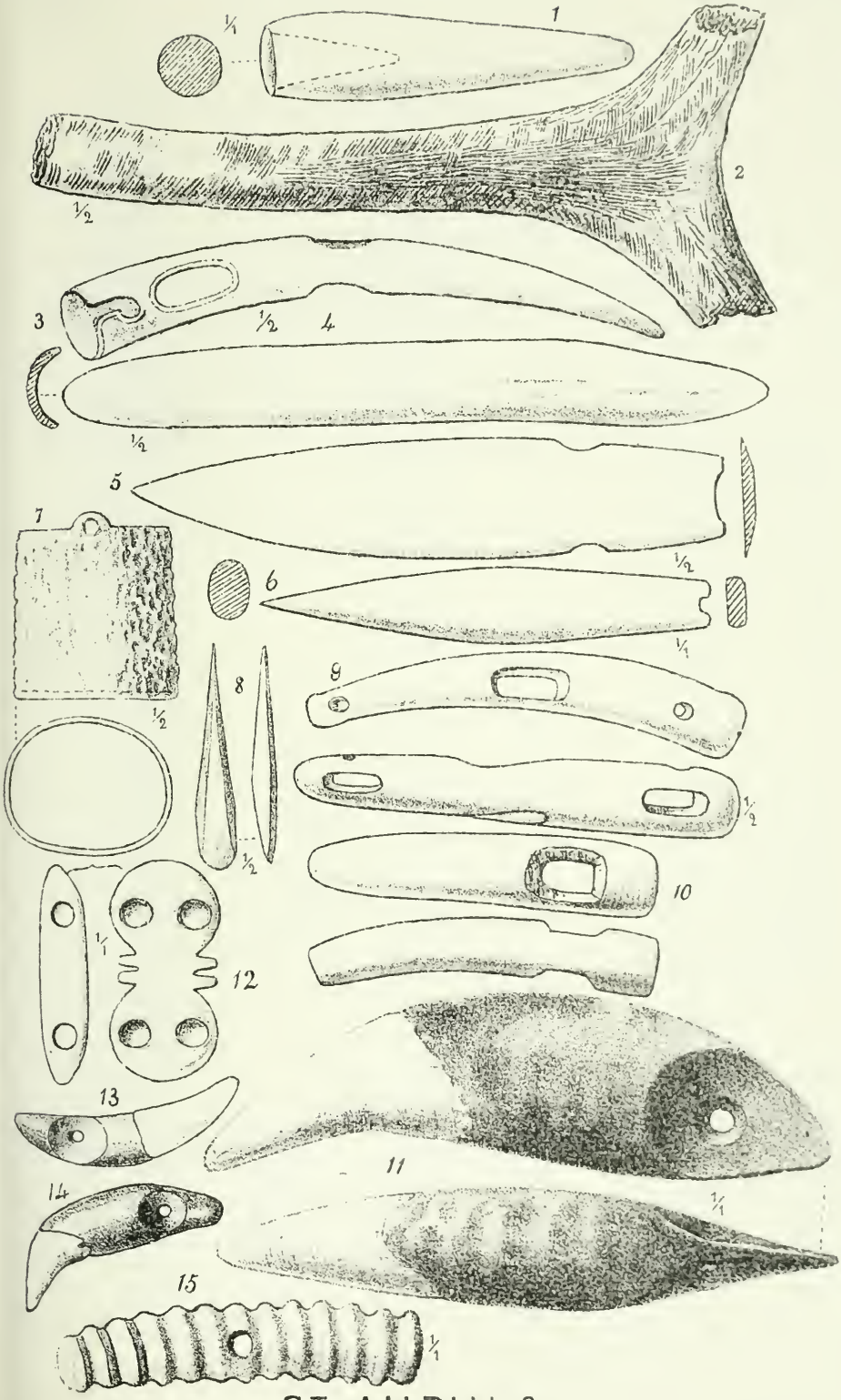
MÖRINGEN &c.



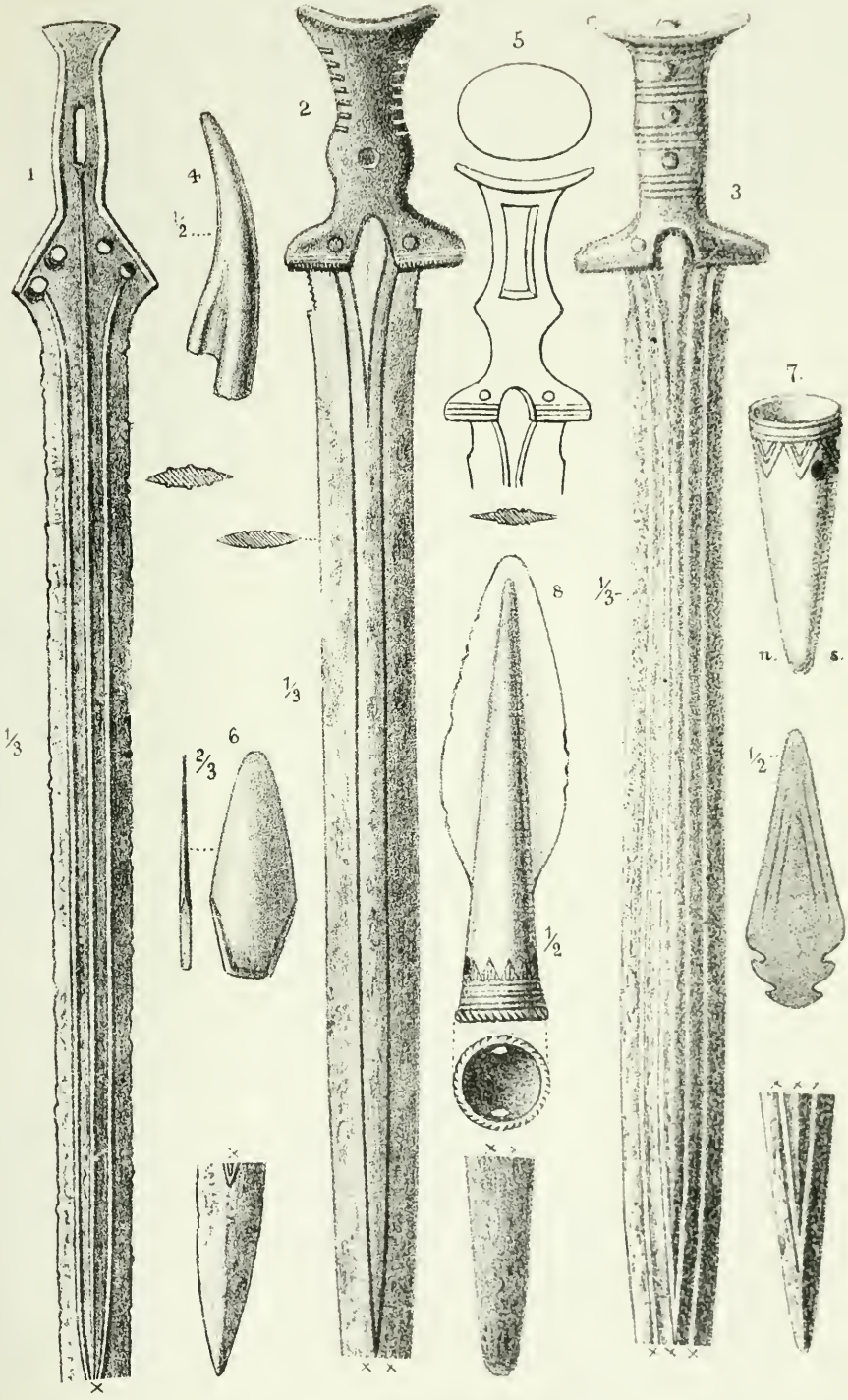
MÖRINGEN &c.


1.
½
2
1/1
3.
4
½
½
5.
½
6
½
7.
½
15.
1/1
16.
1/1
17
18
19.
20
1/1
1/1
8.
½
9.
½
10
½
11
½
12.
½
13
½
14
½
21
1/1
22
23
2/3

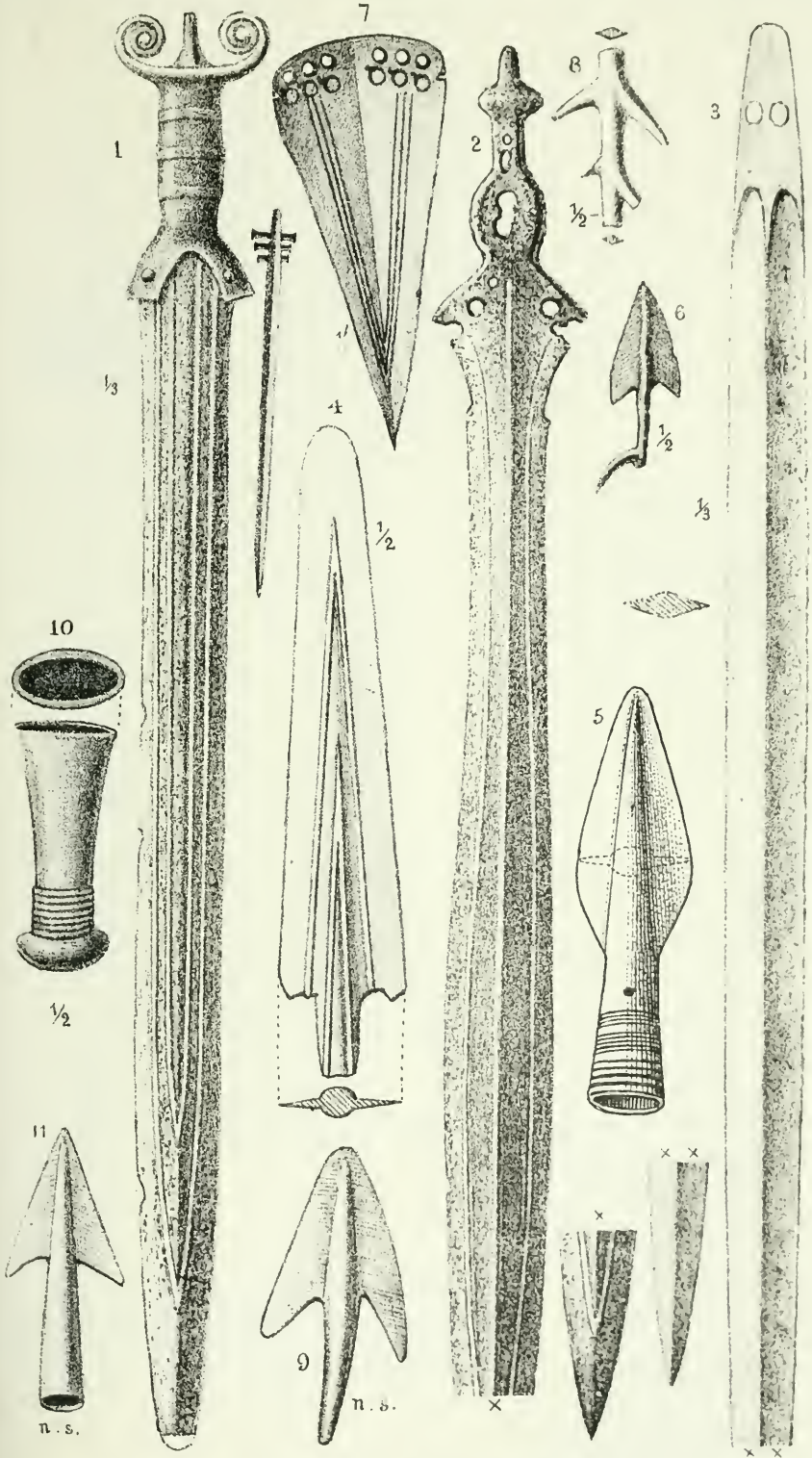
ST AUBIN &c.



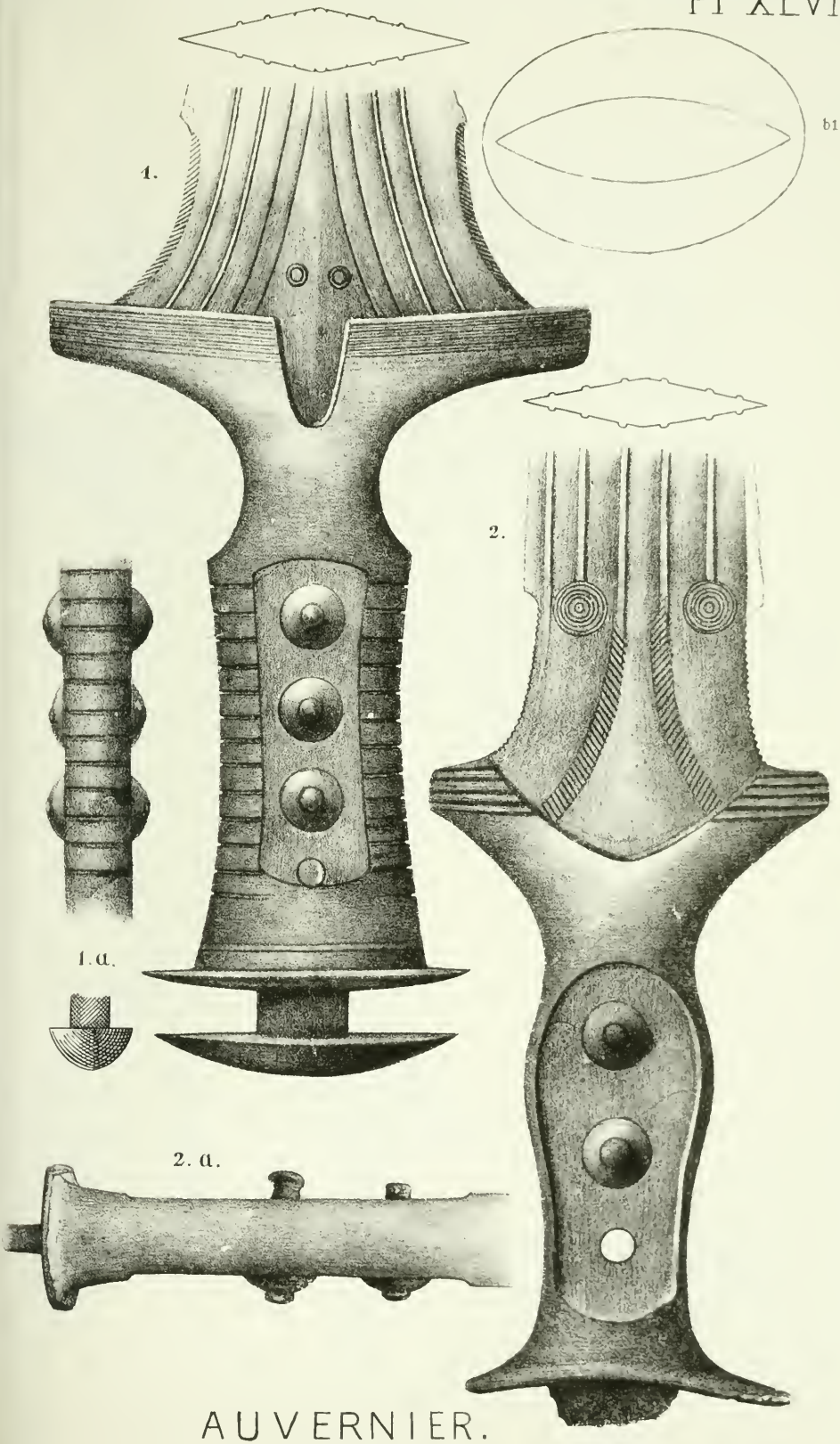
ST. AUBIN &c.



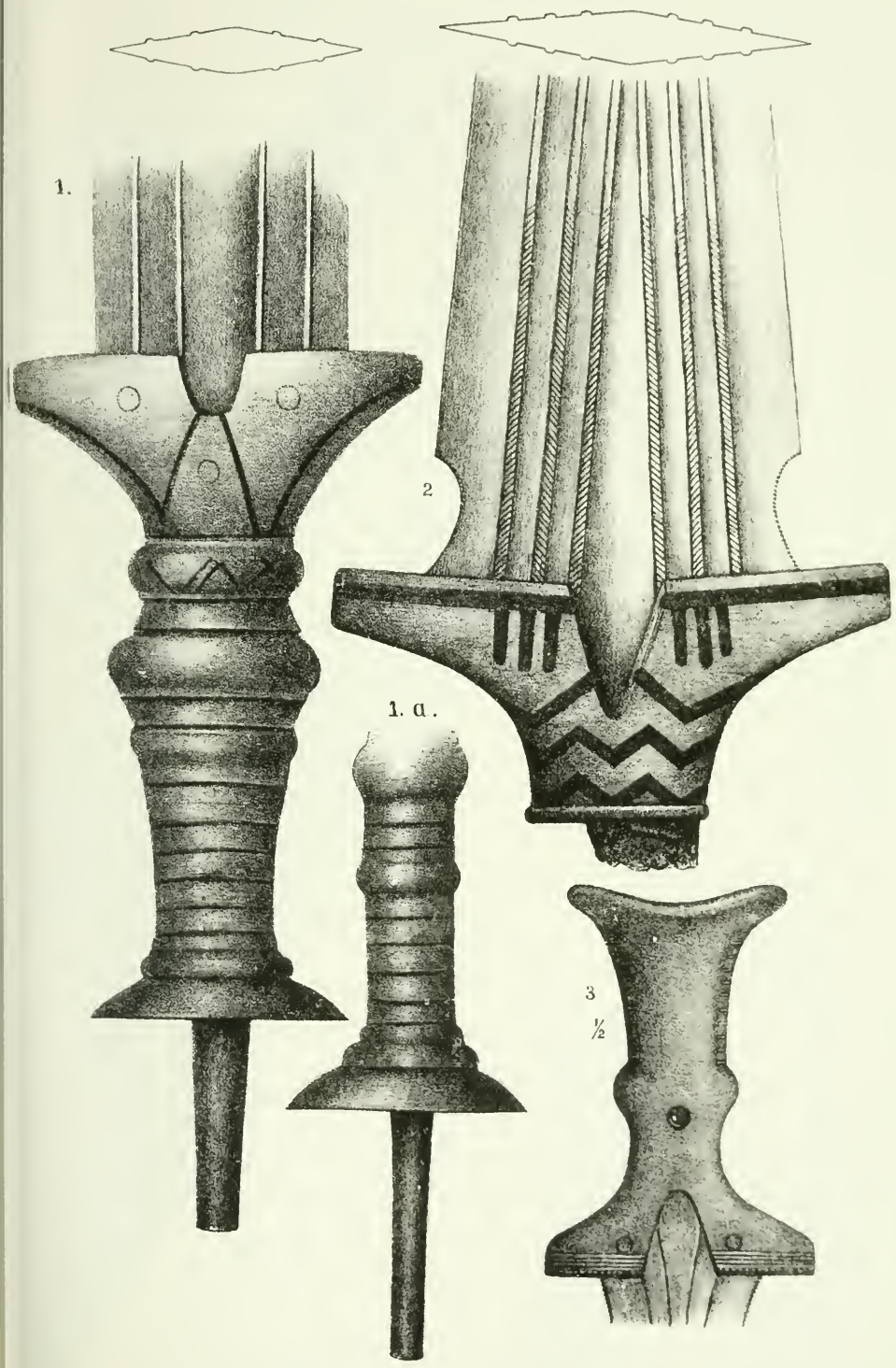
ESTAVAYER &c.



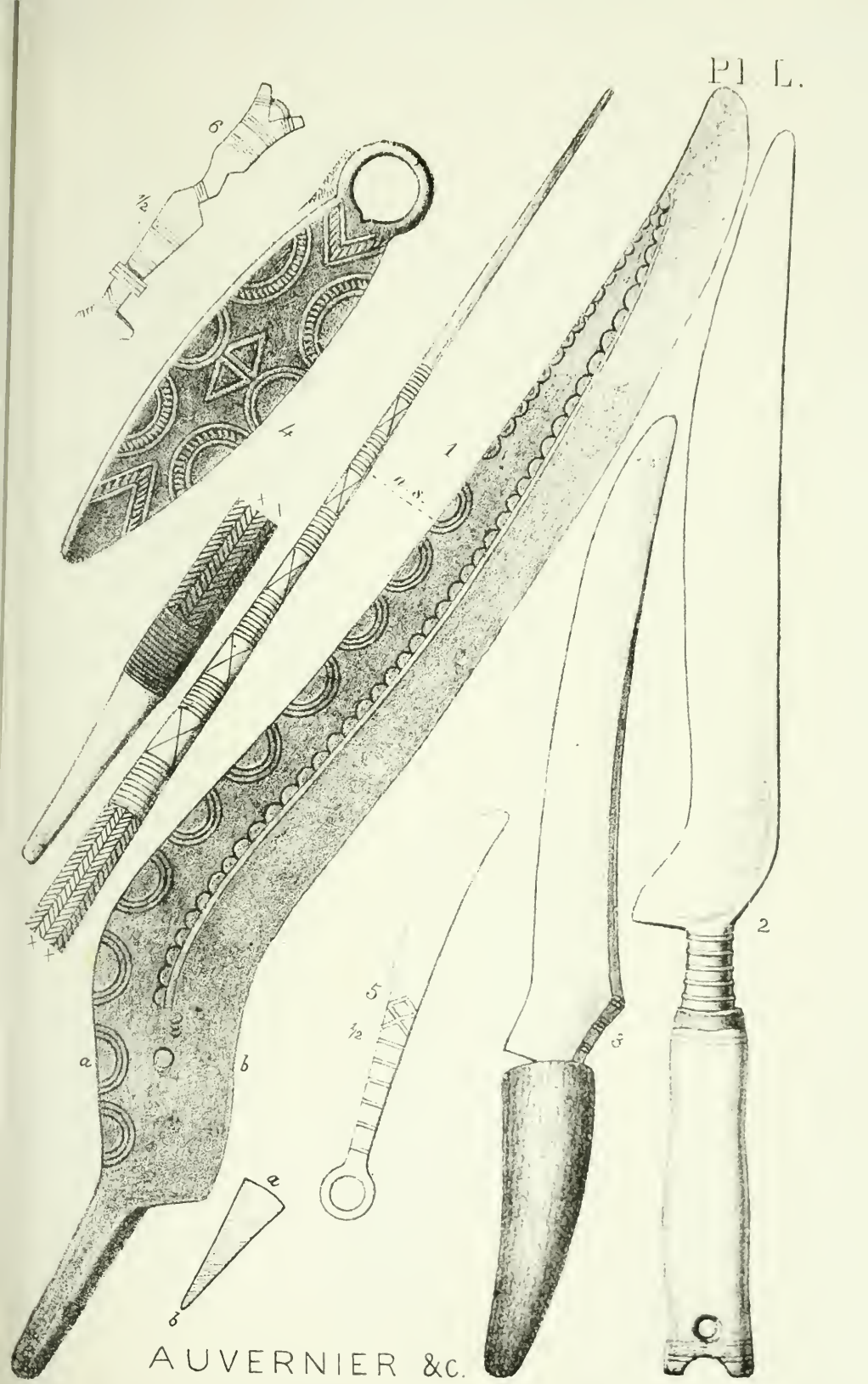
MÖRINGEN &c.



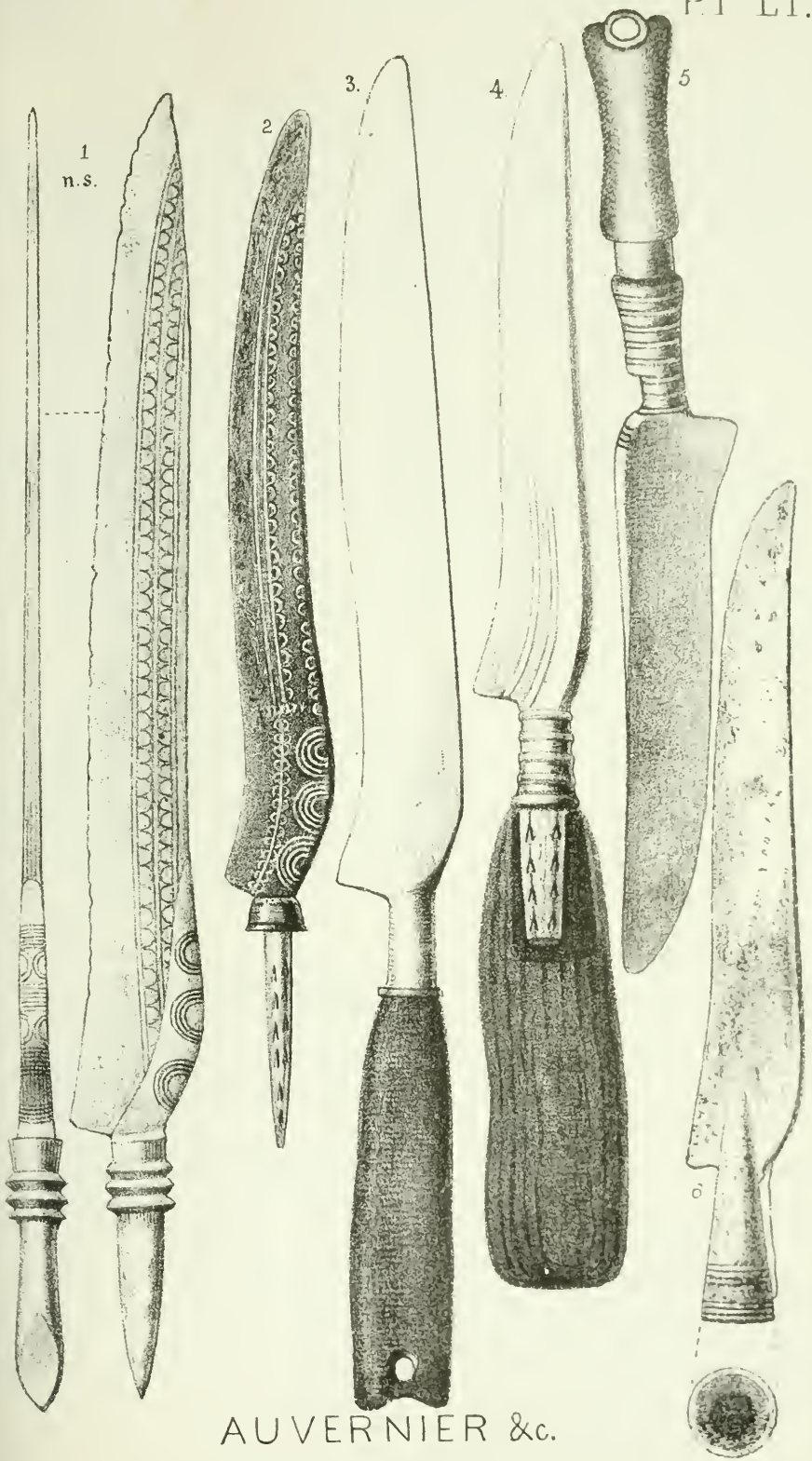
AUVERNIER.



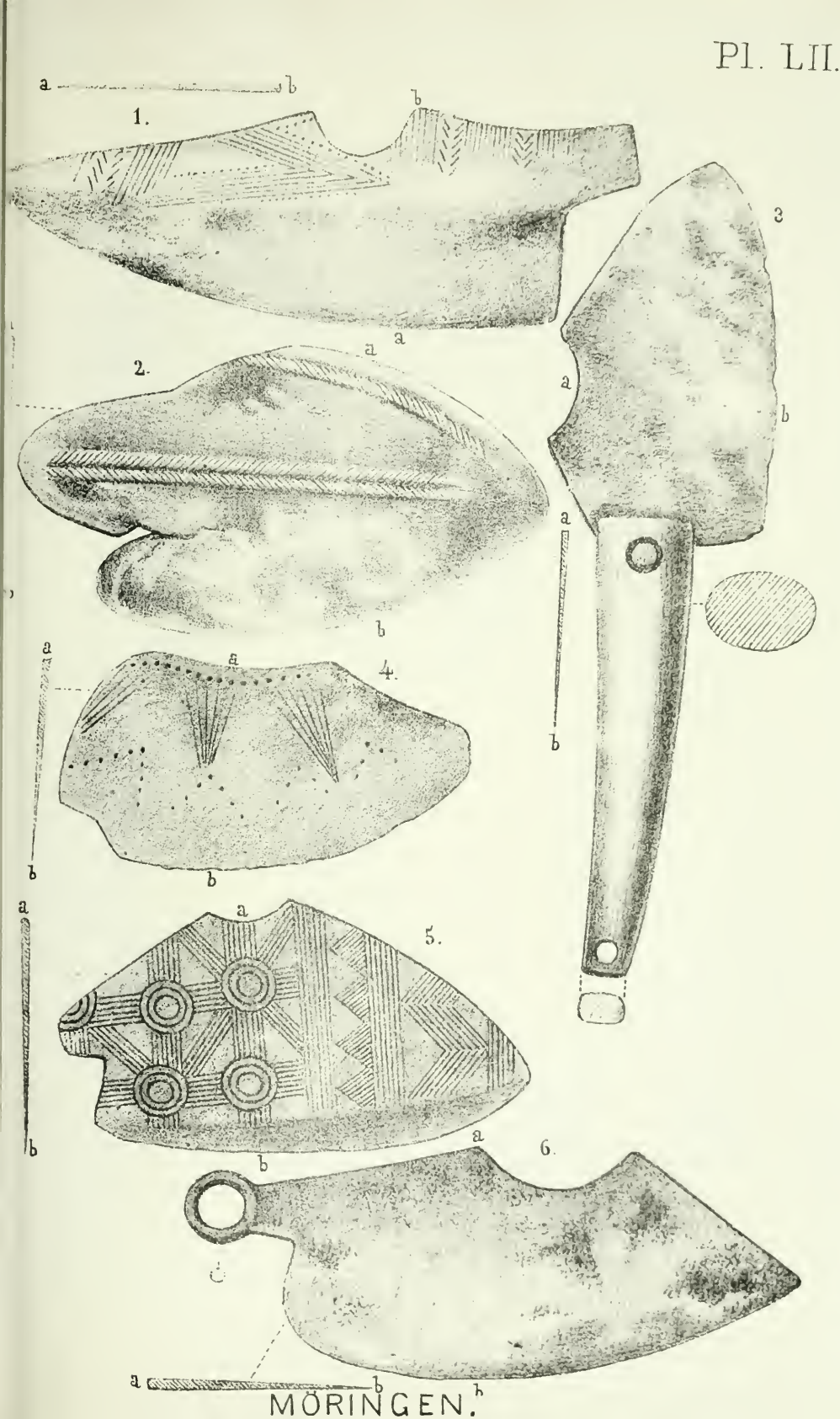
MÖRINGEN &c.



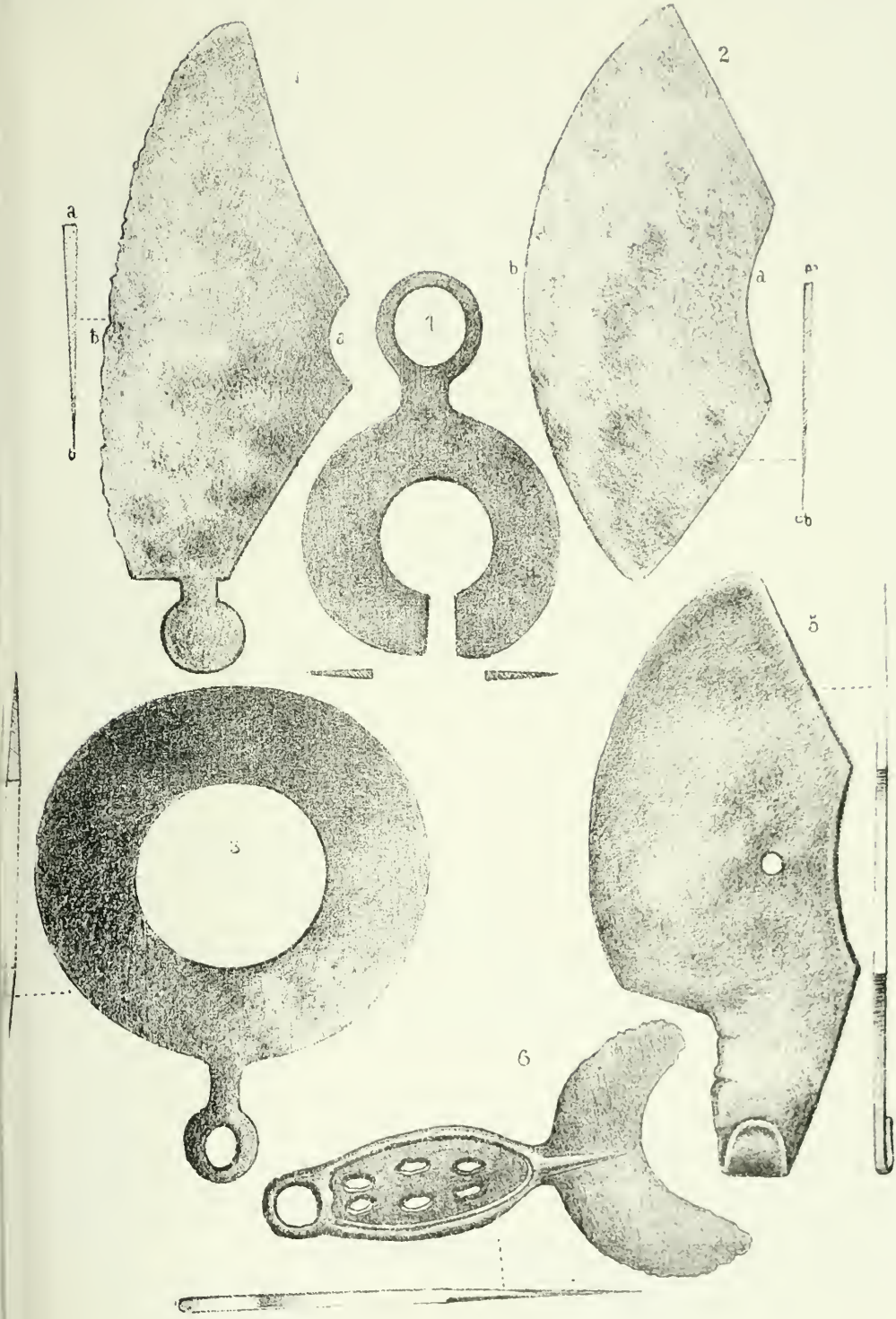
AUVERNIER &c.



AUVERNIER &c.



MÖRINGEN.



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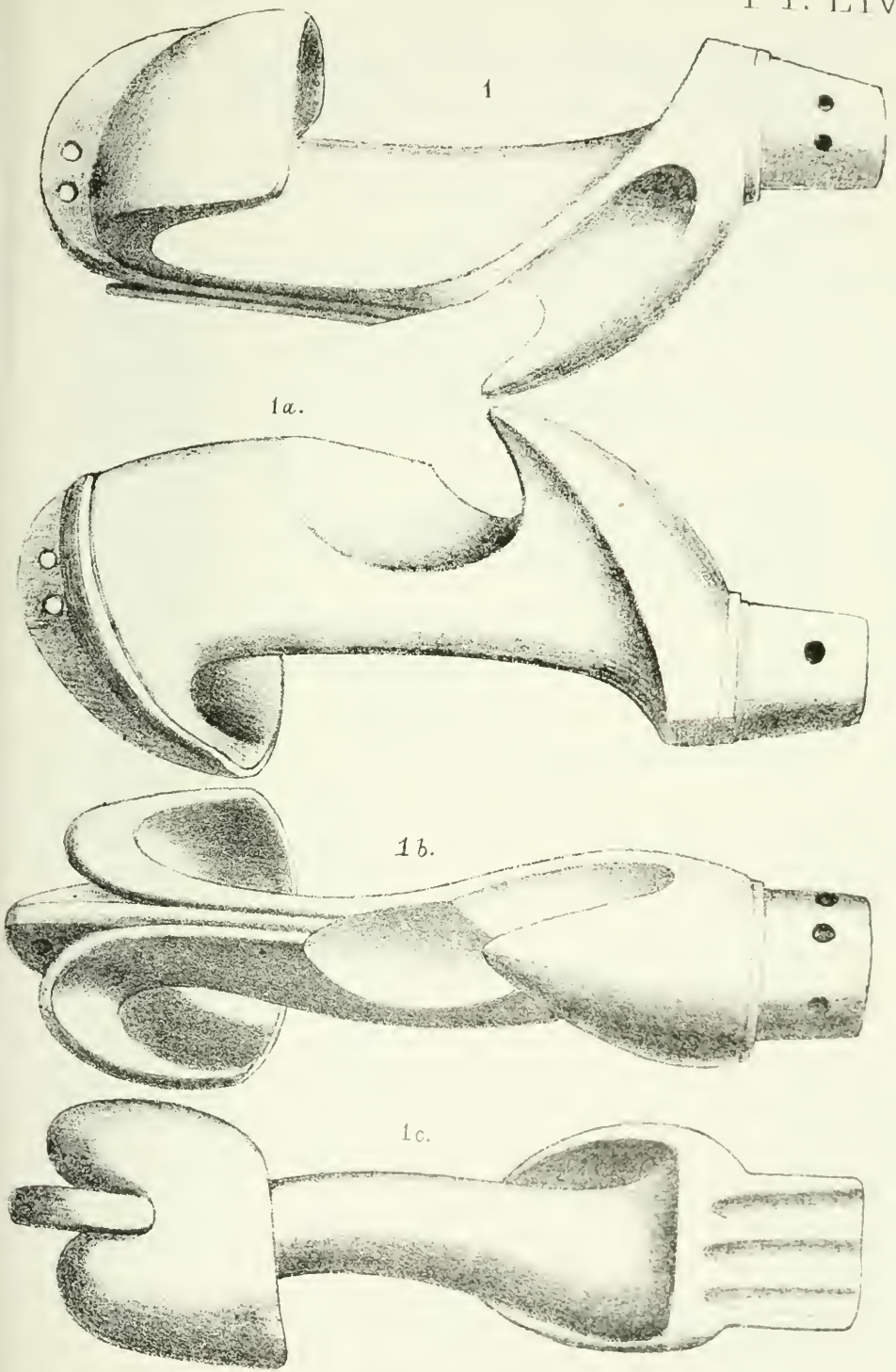

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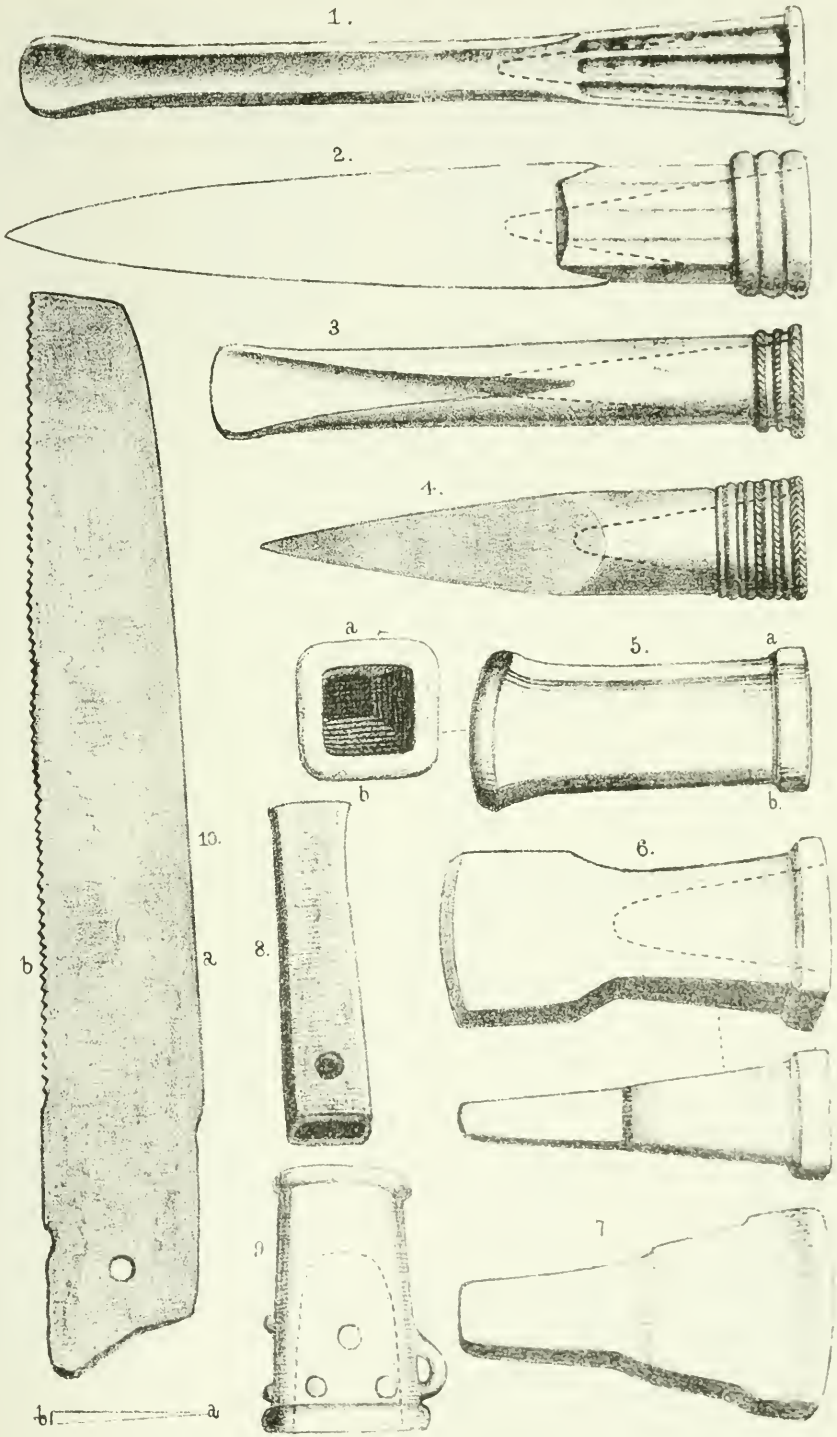

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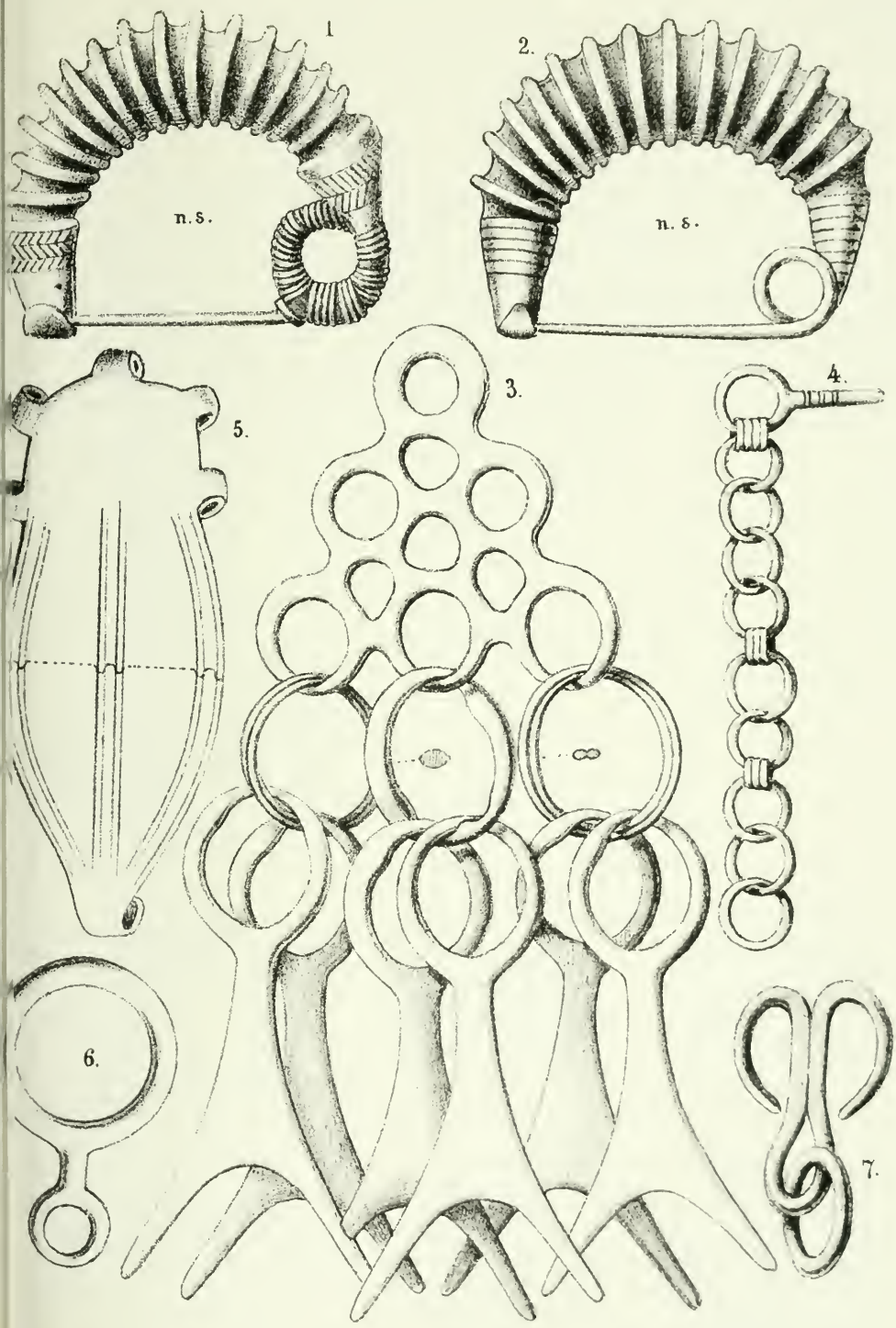

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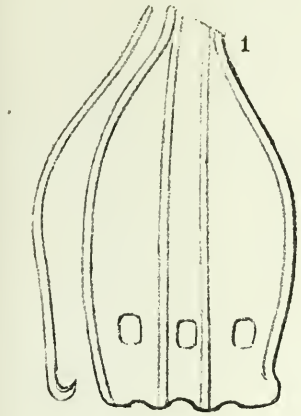
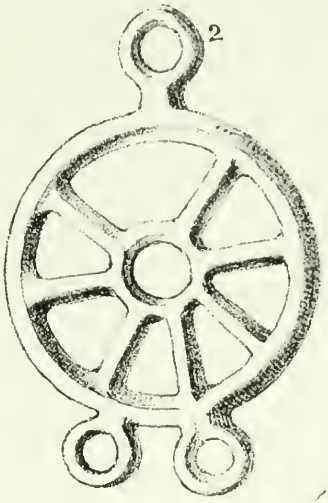
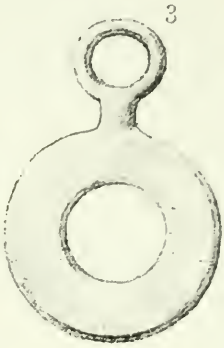
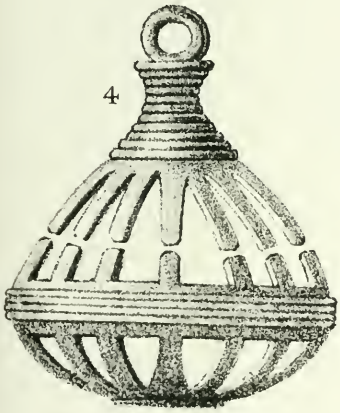
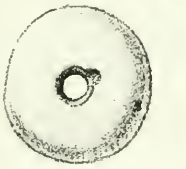
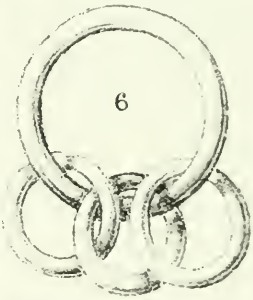


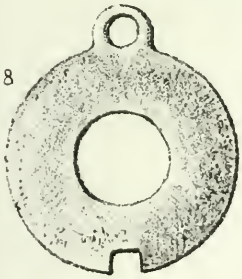


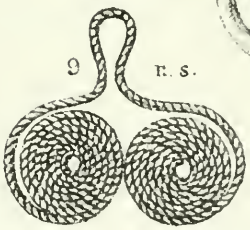


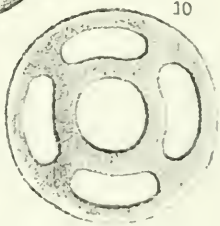


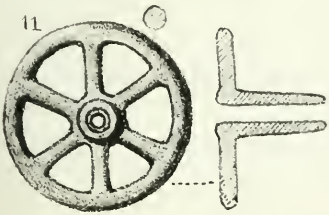


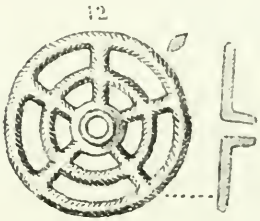


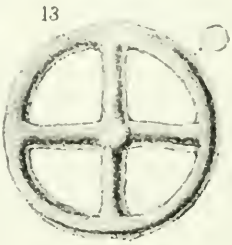




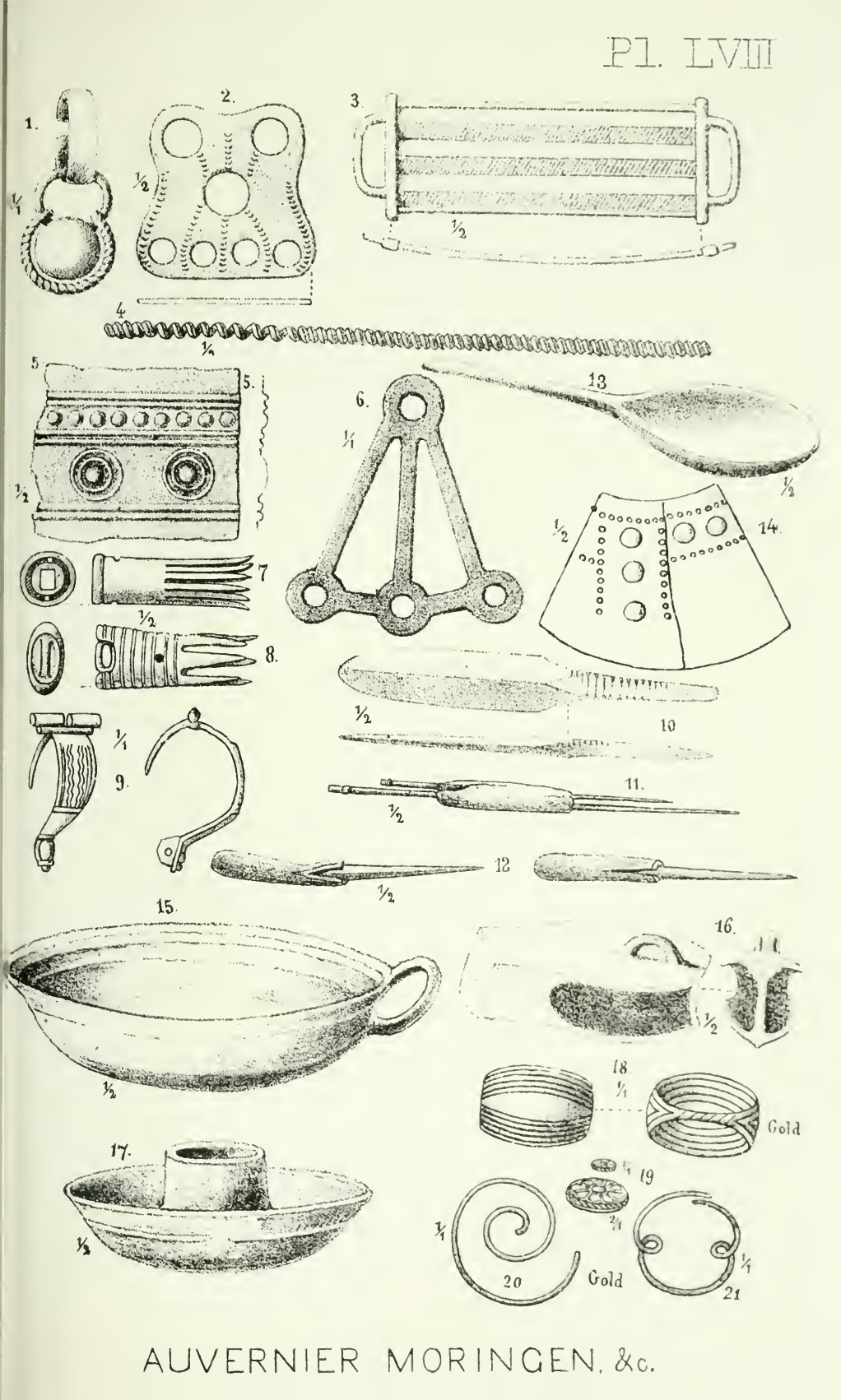




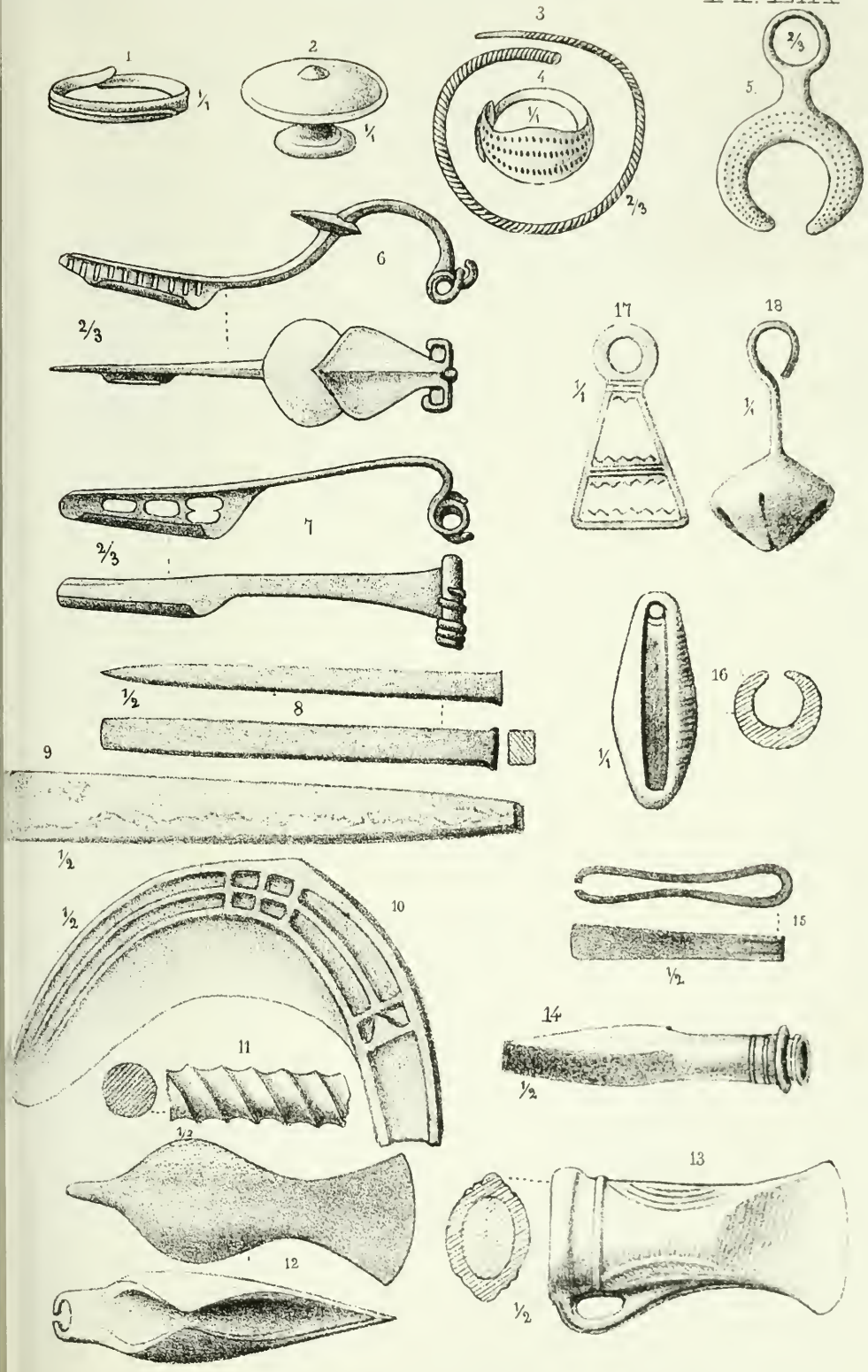




AUVERNIER &c.



AUVERNIER MORINGEN, &c.



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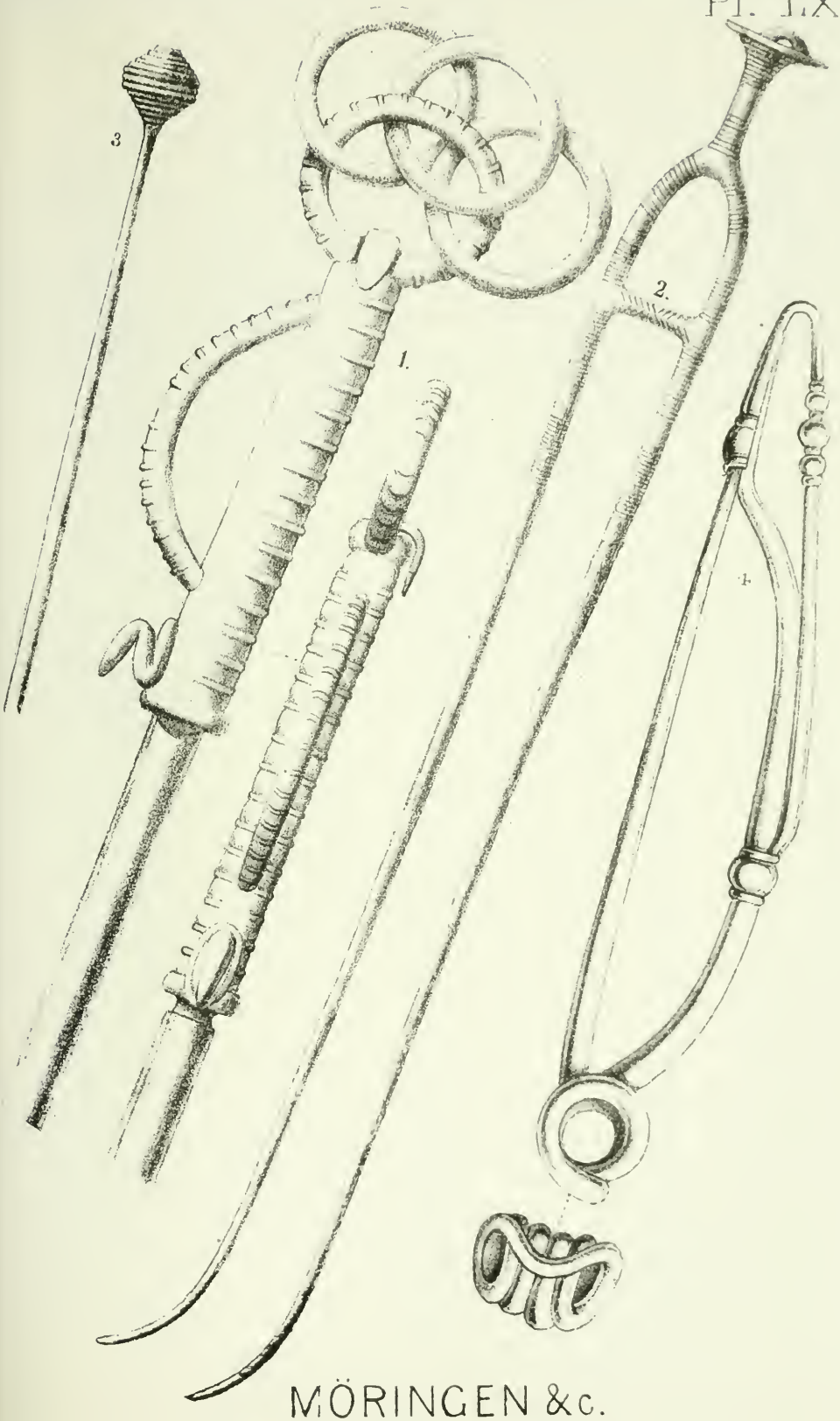

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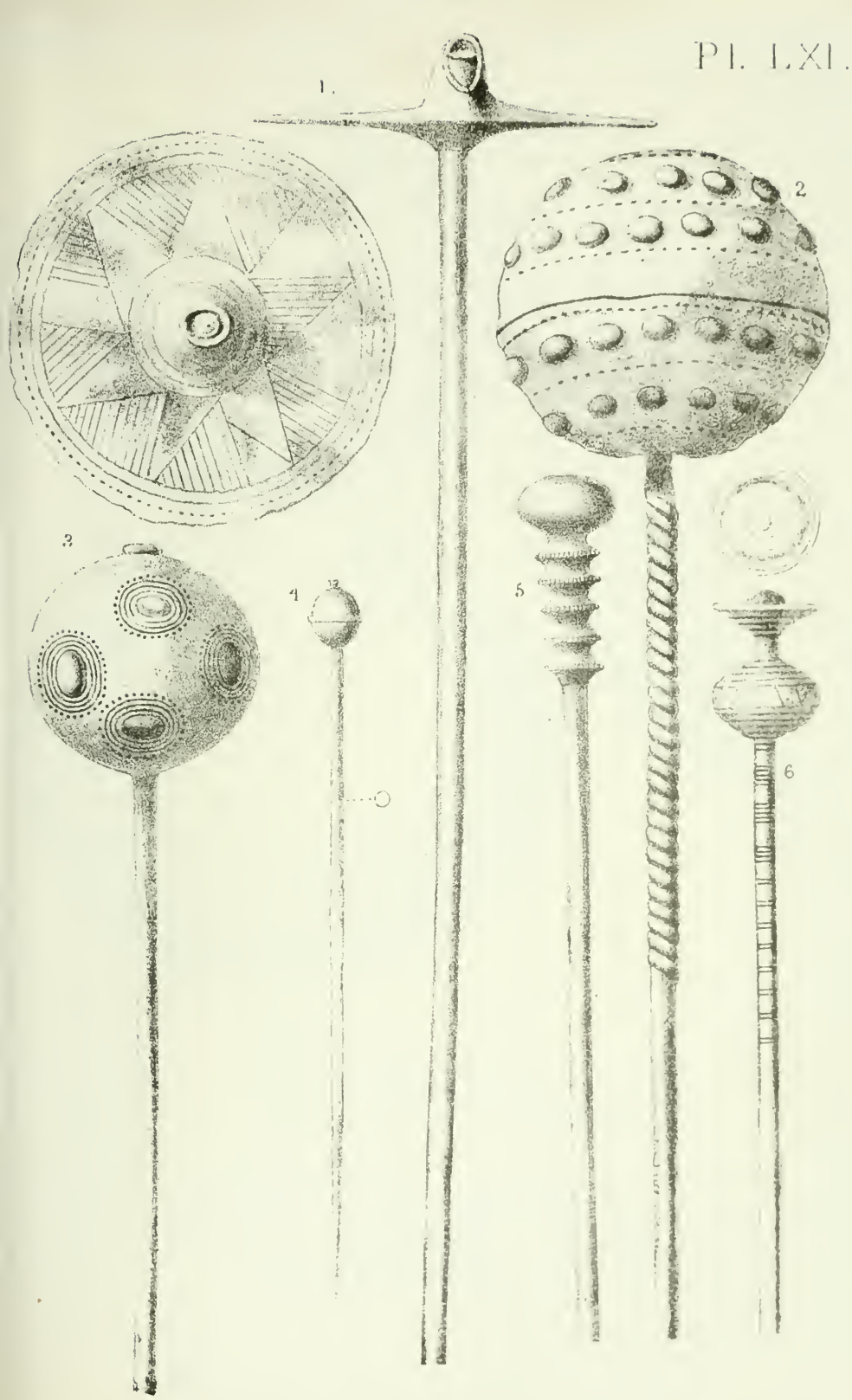

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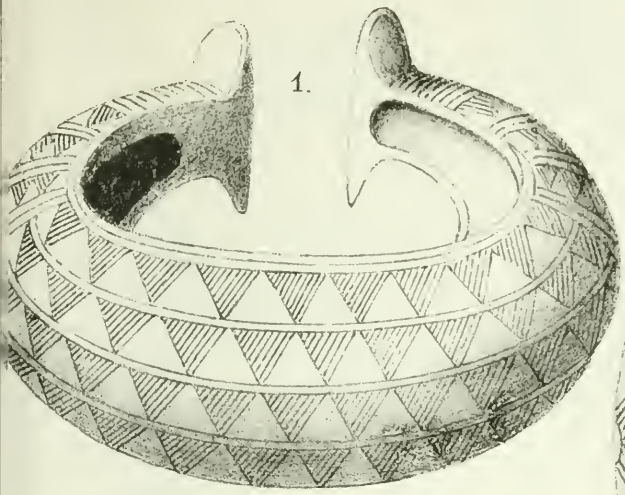
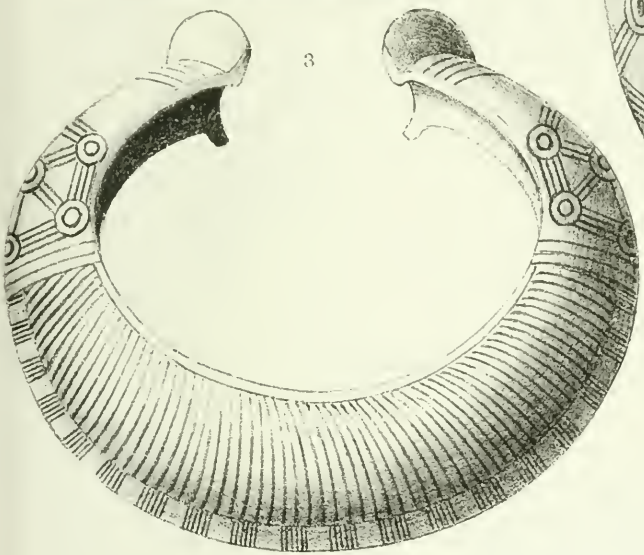
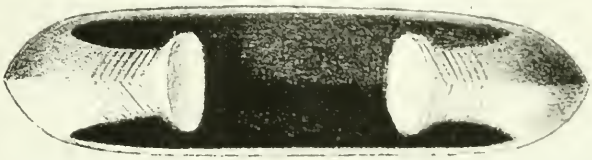
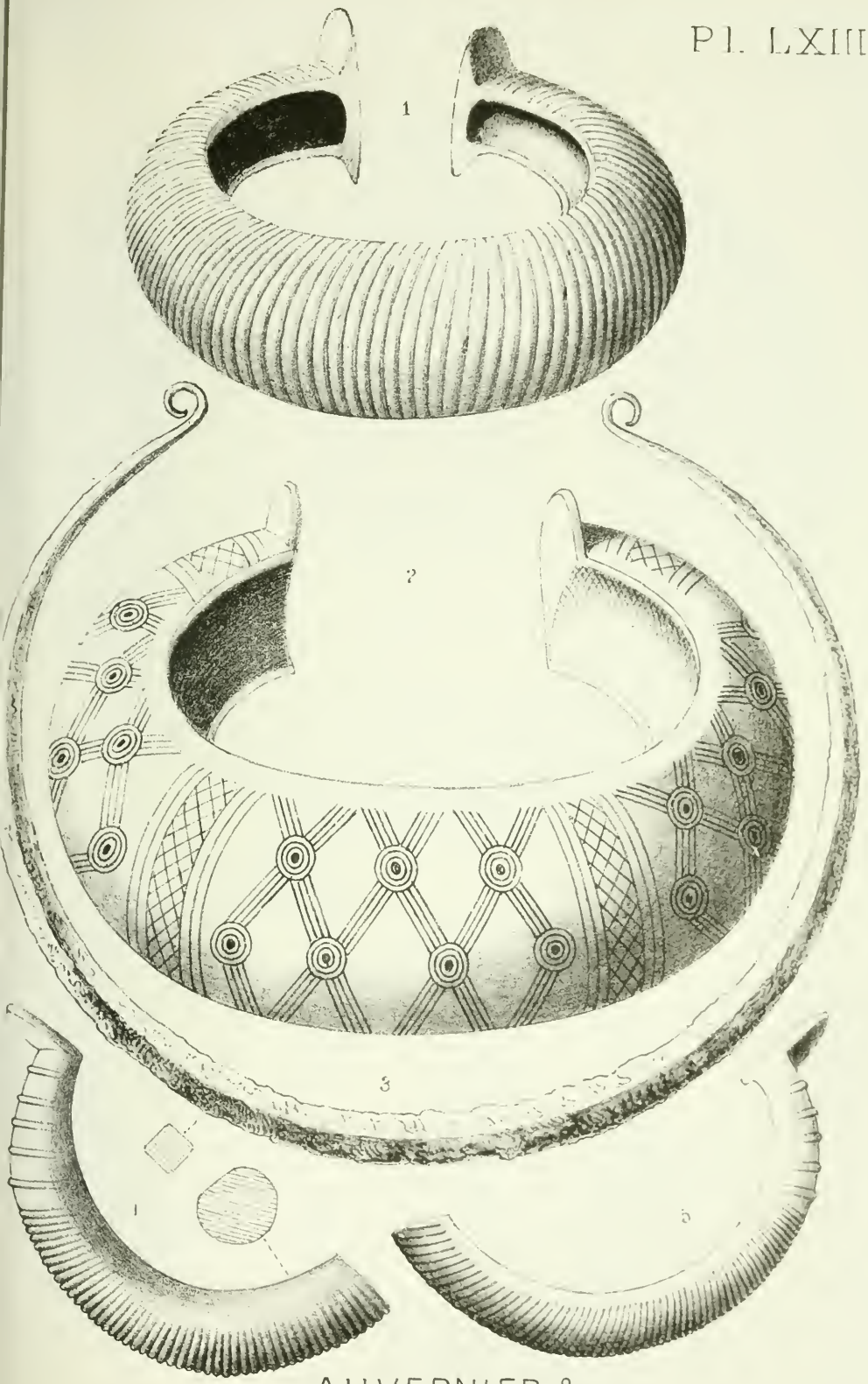






MÖRINGEN & AUVERNIER.



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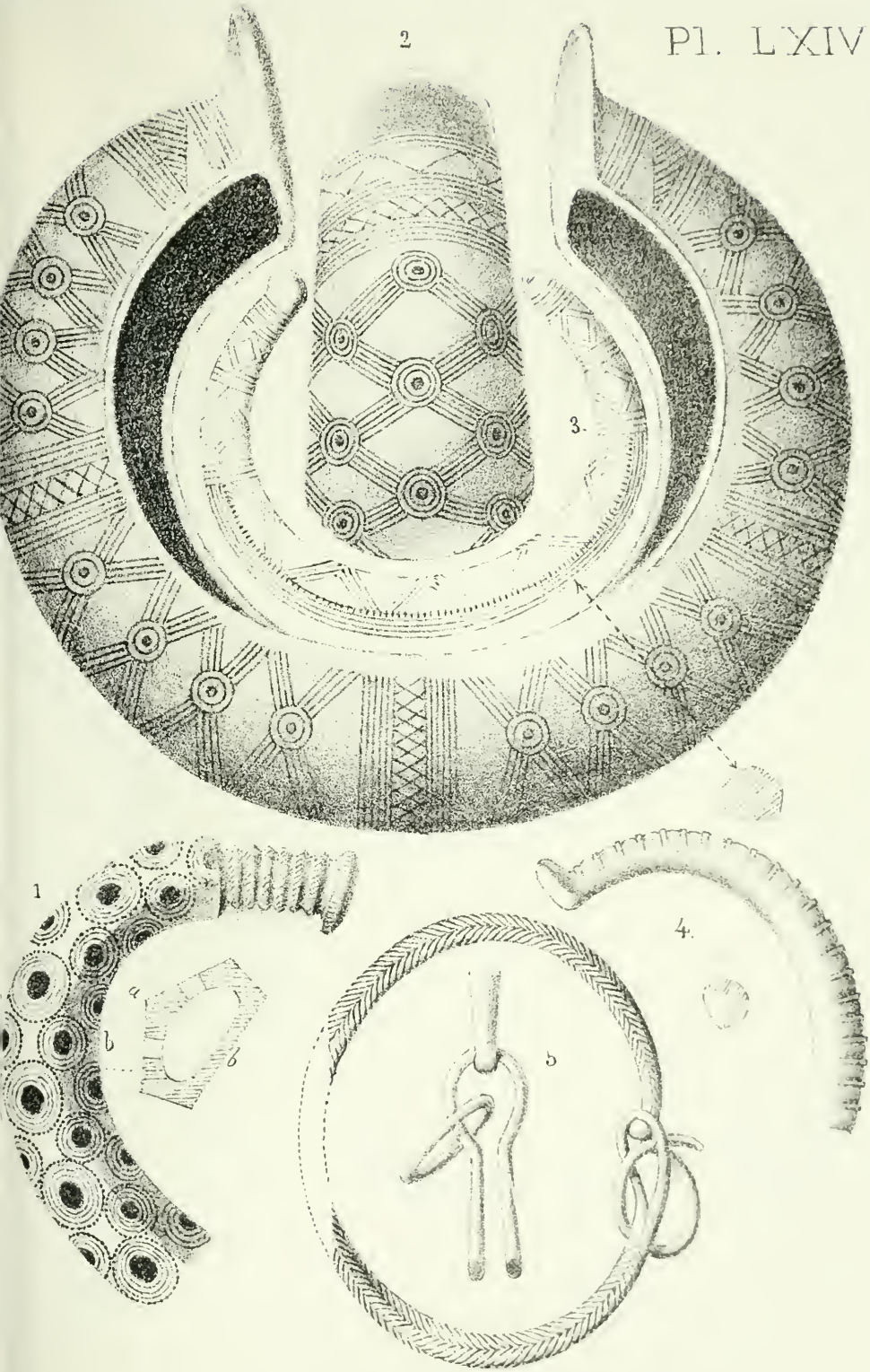

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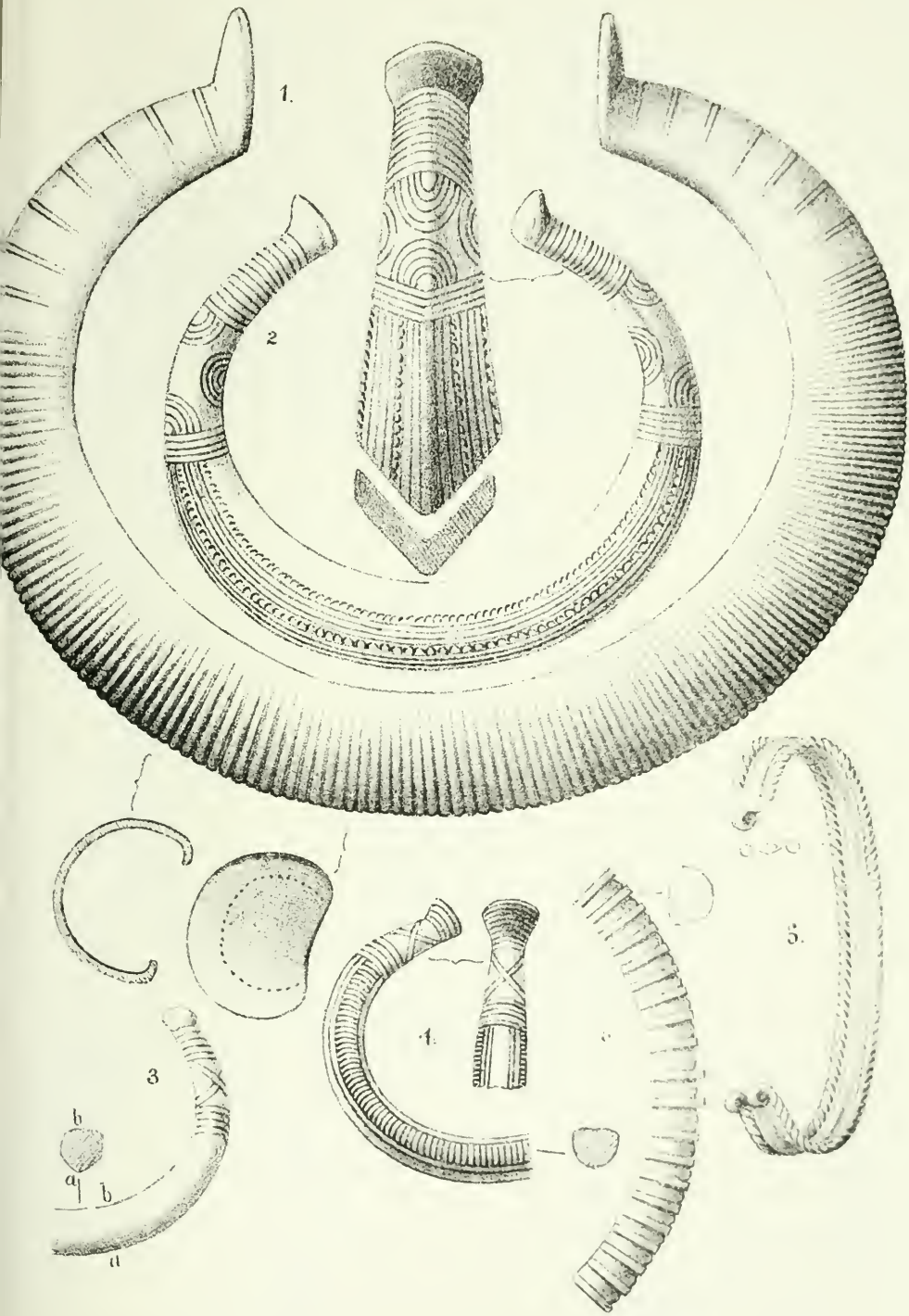
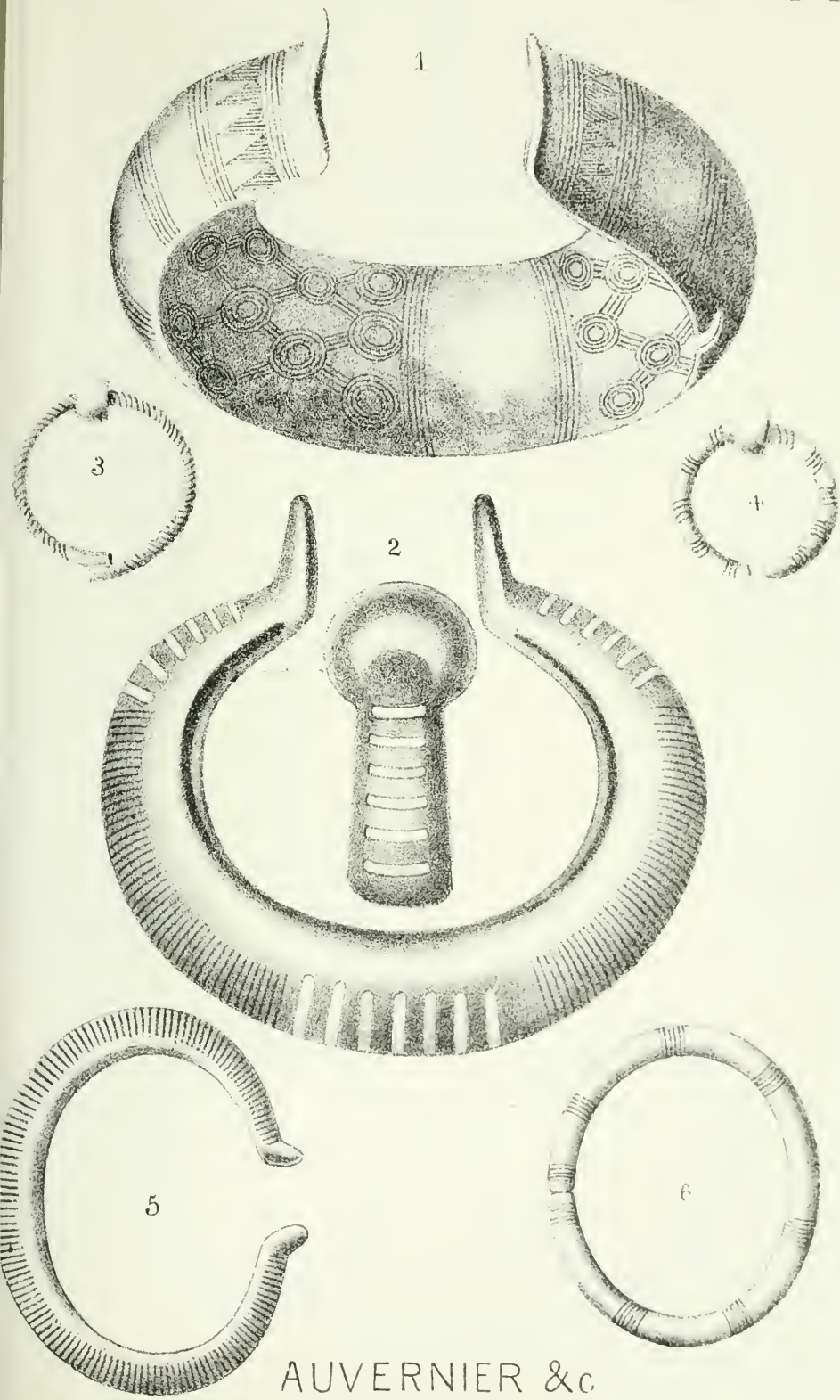


MÖRINGEN, AUVERNIER &c.



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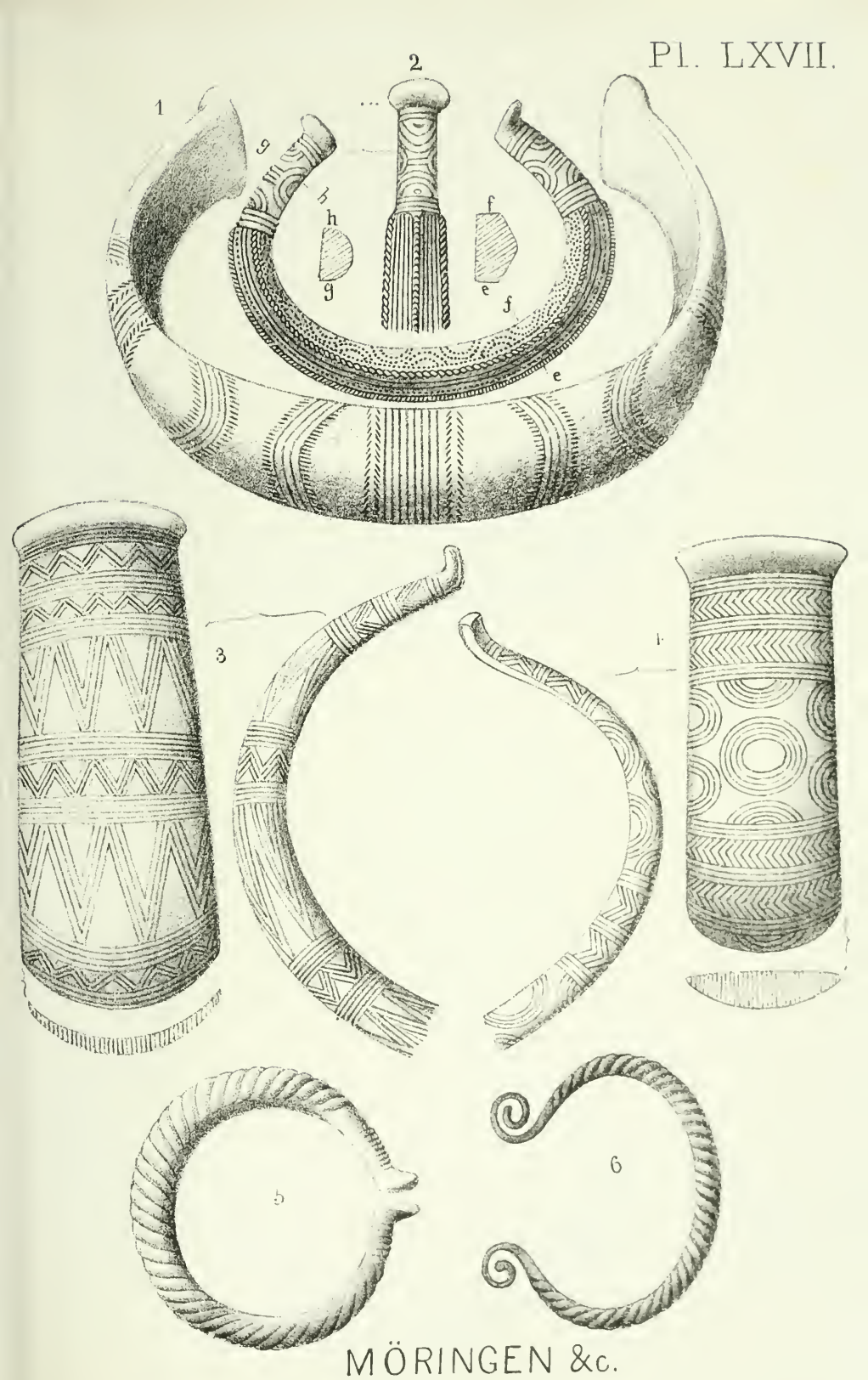

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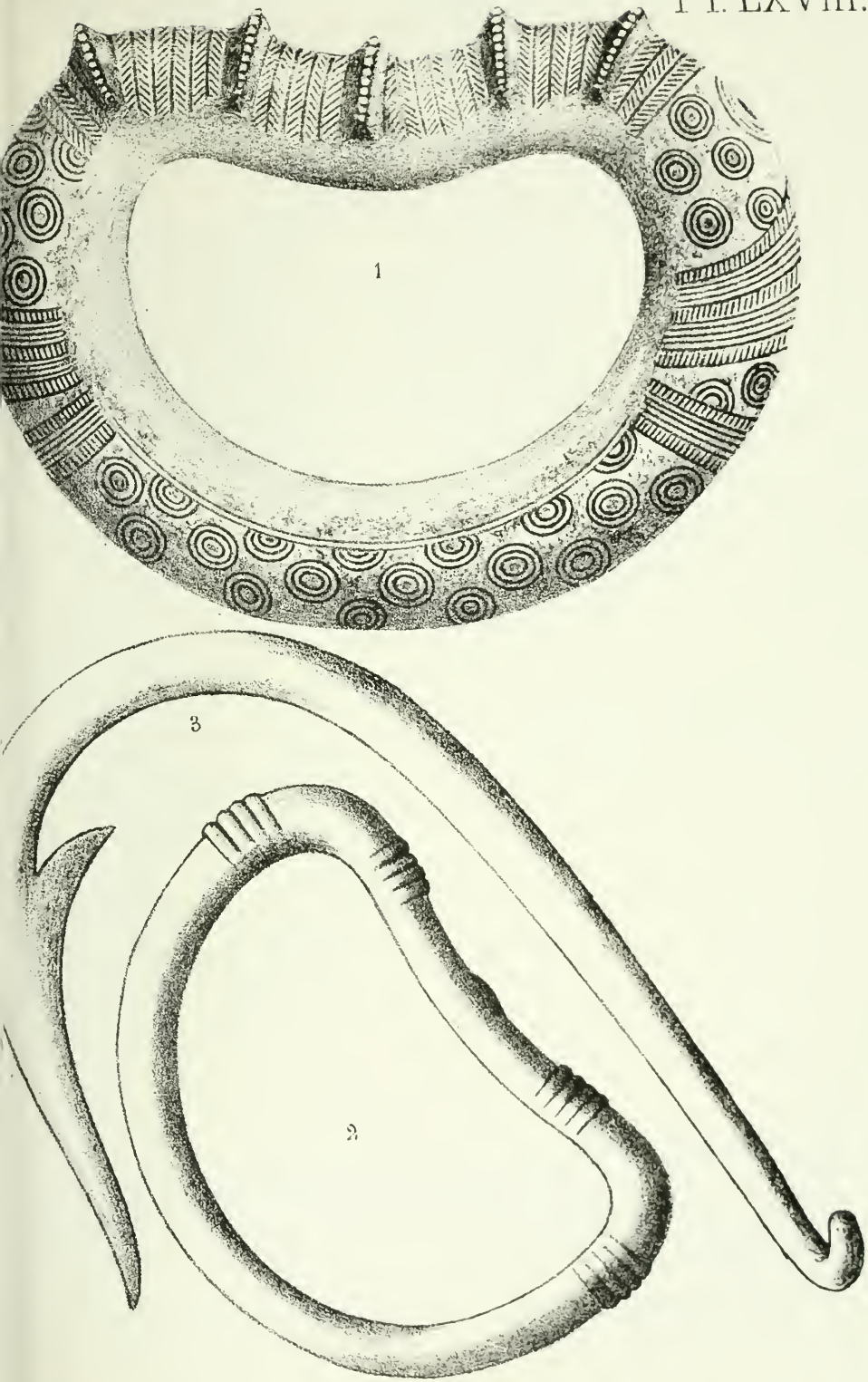

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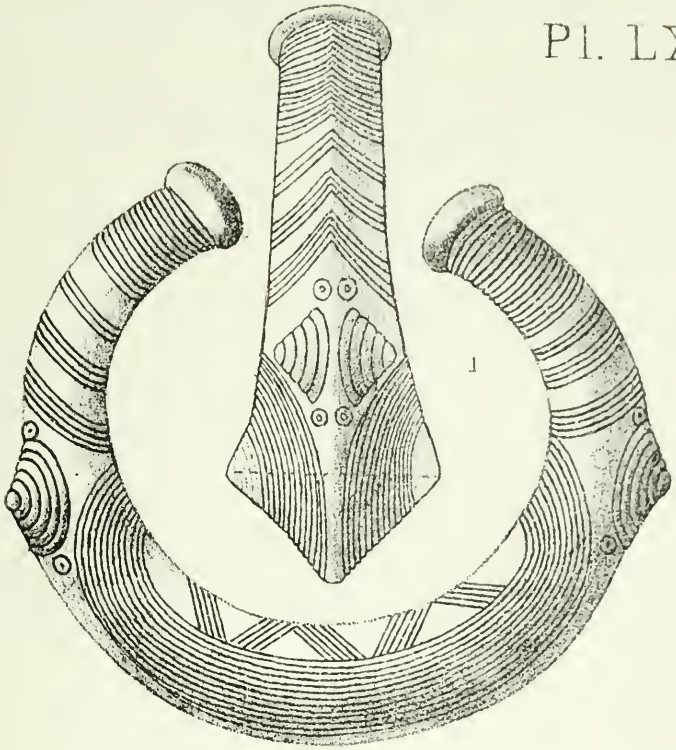

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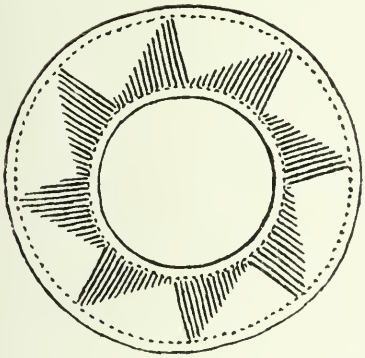

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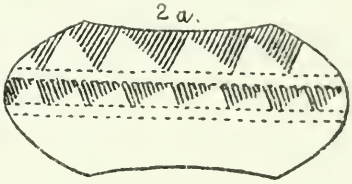

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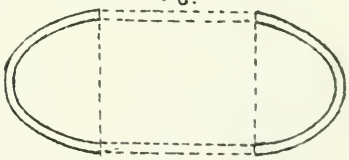

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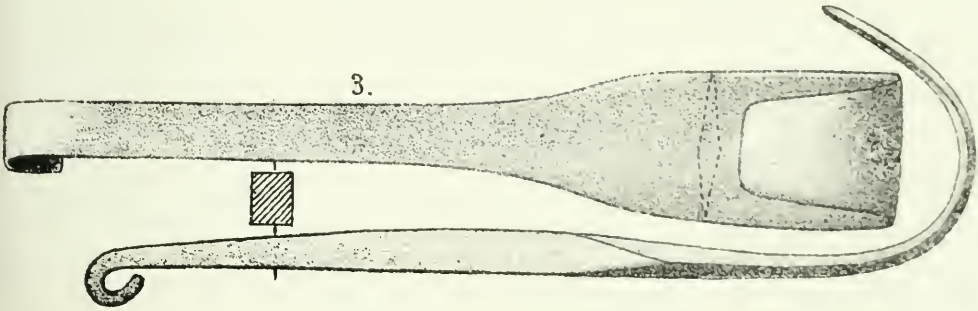

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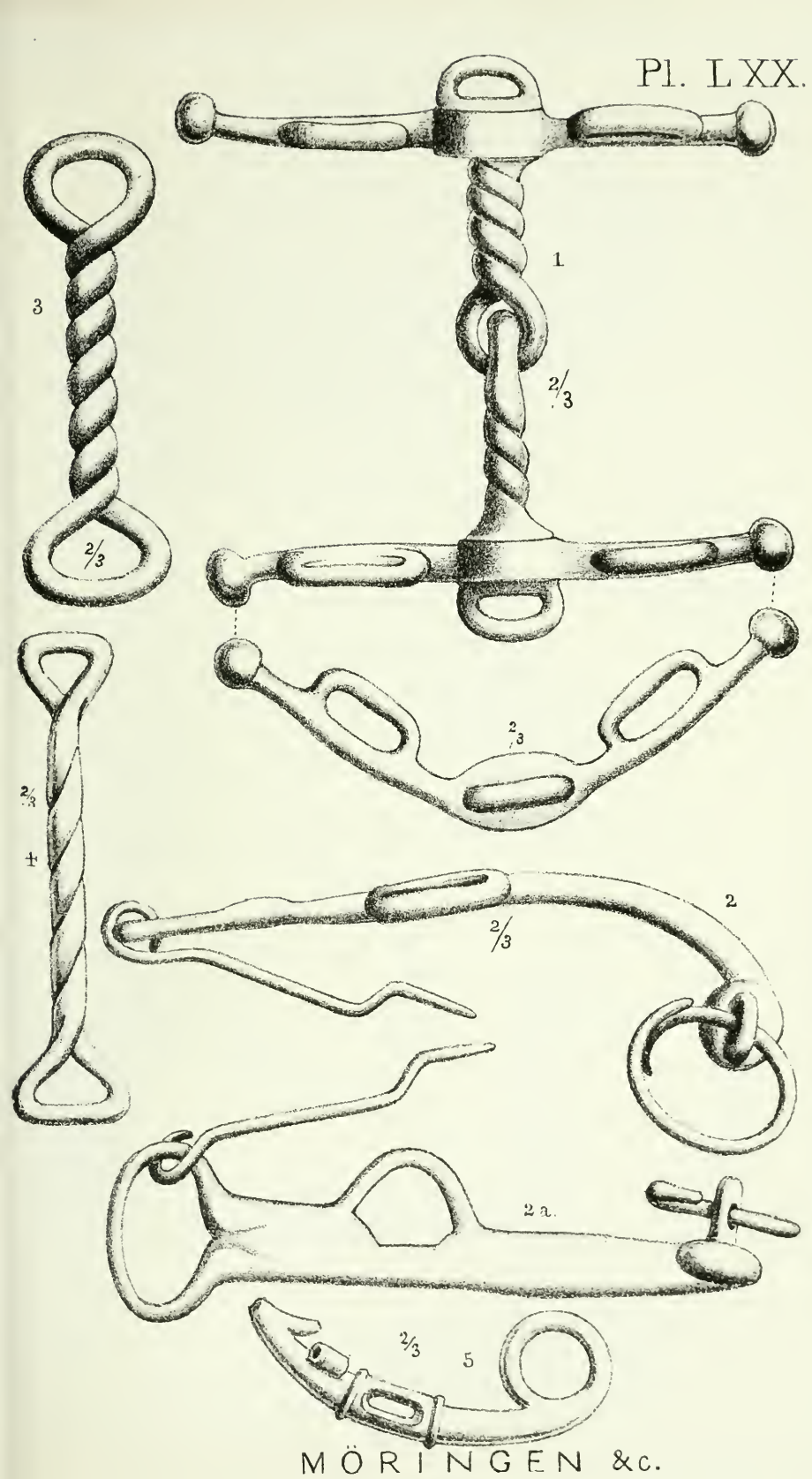

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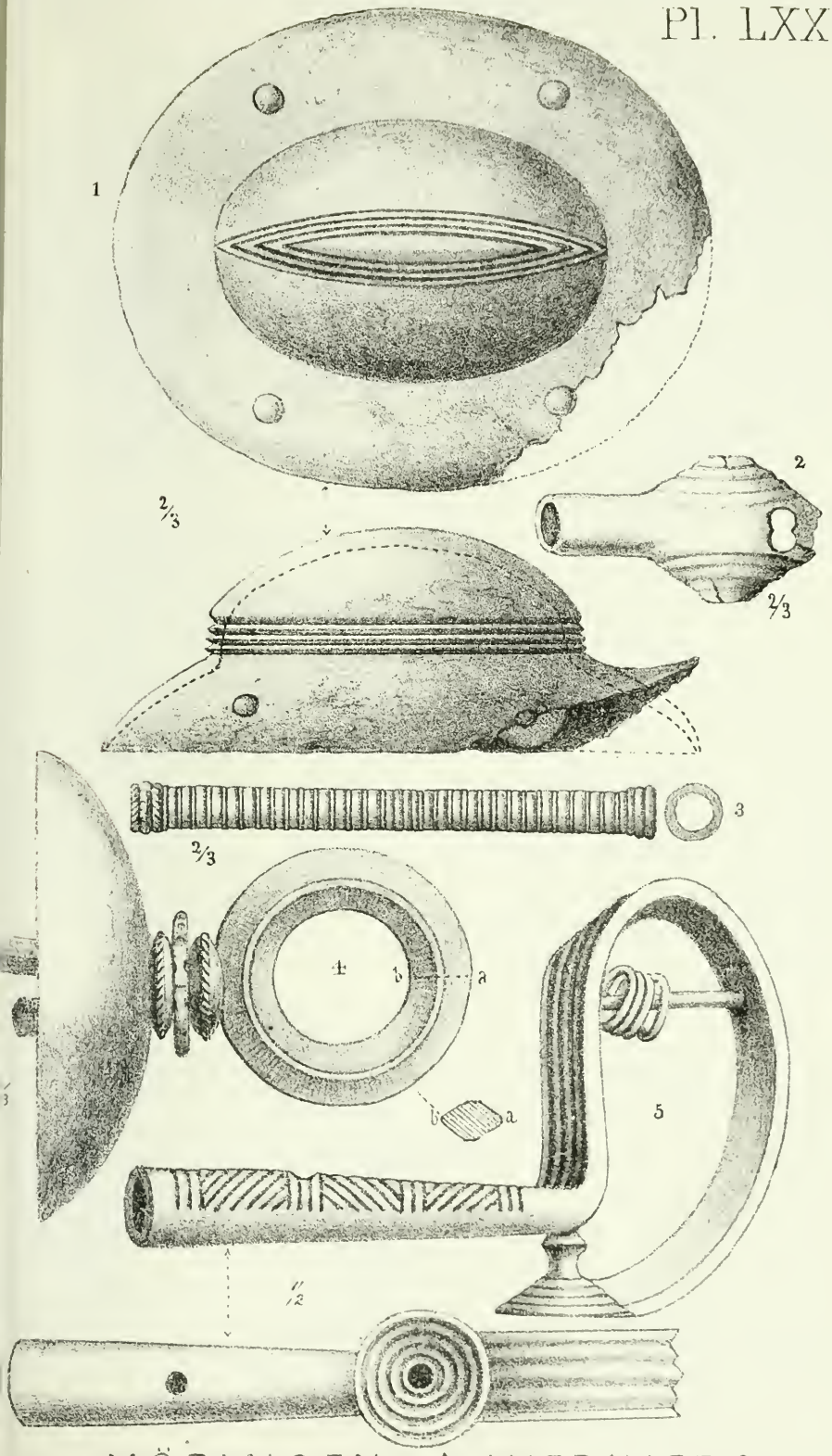

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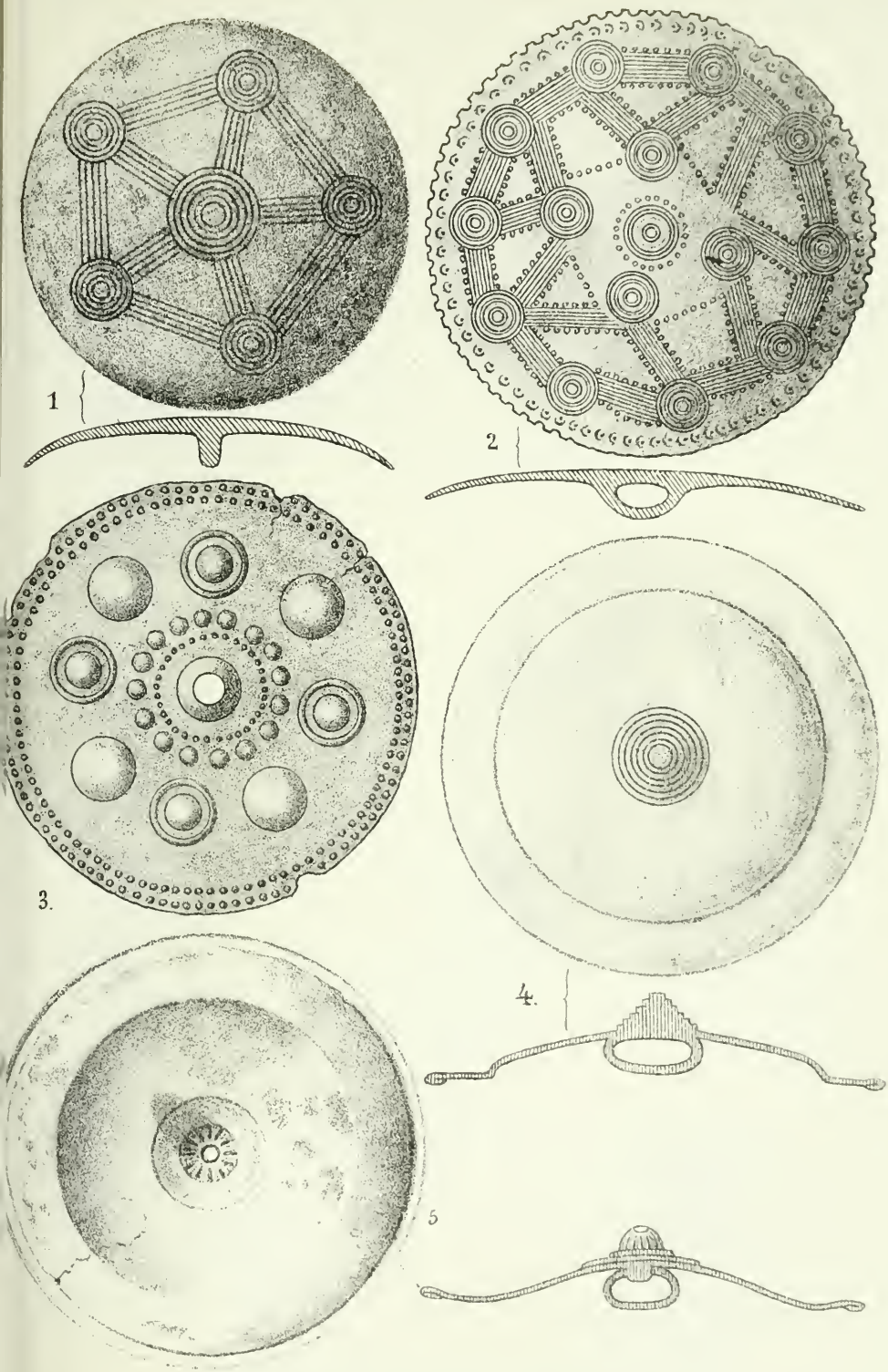
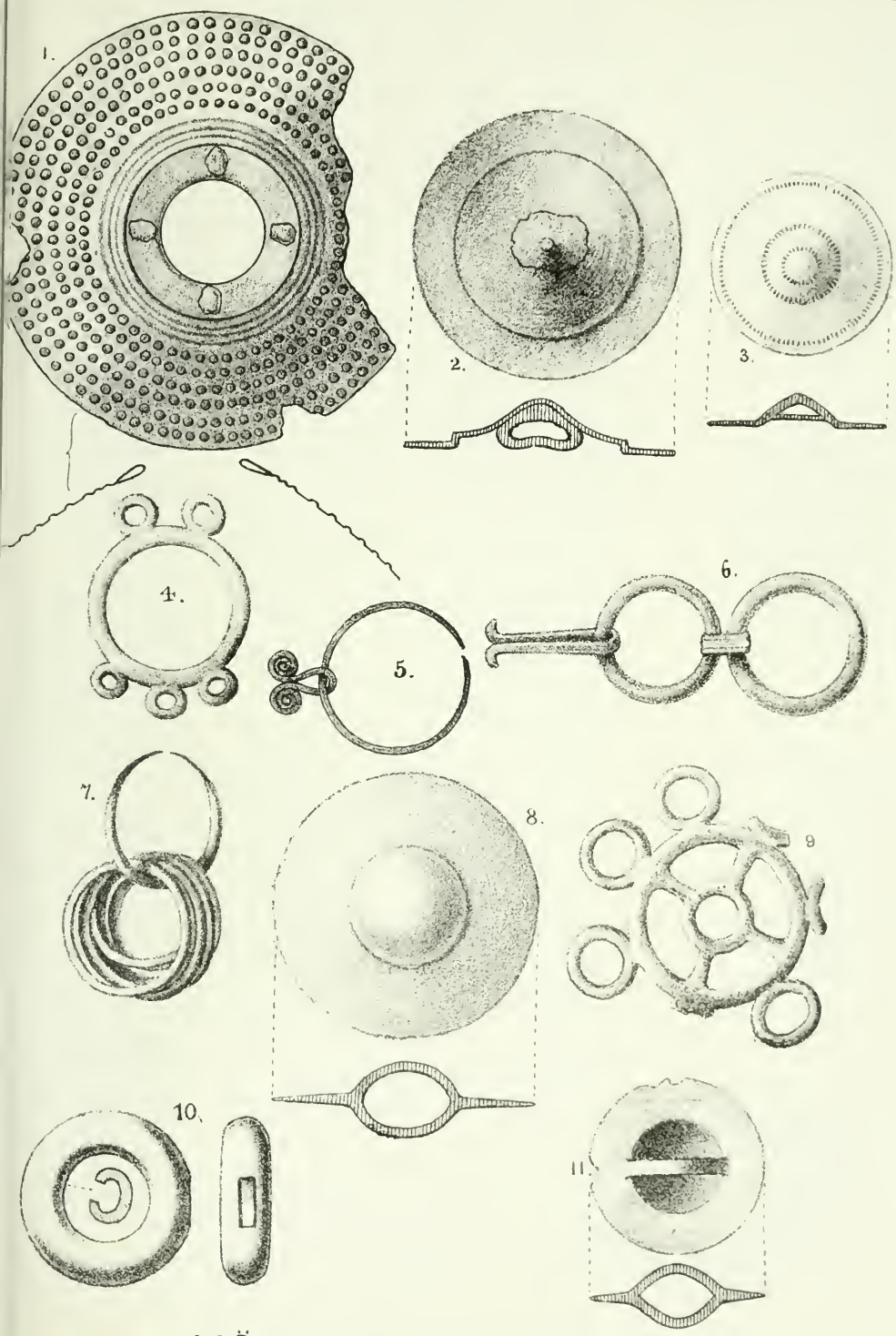
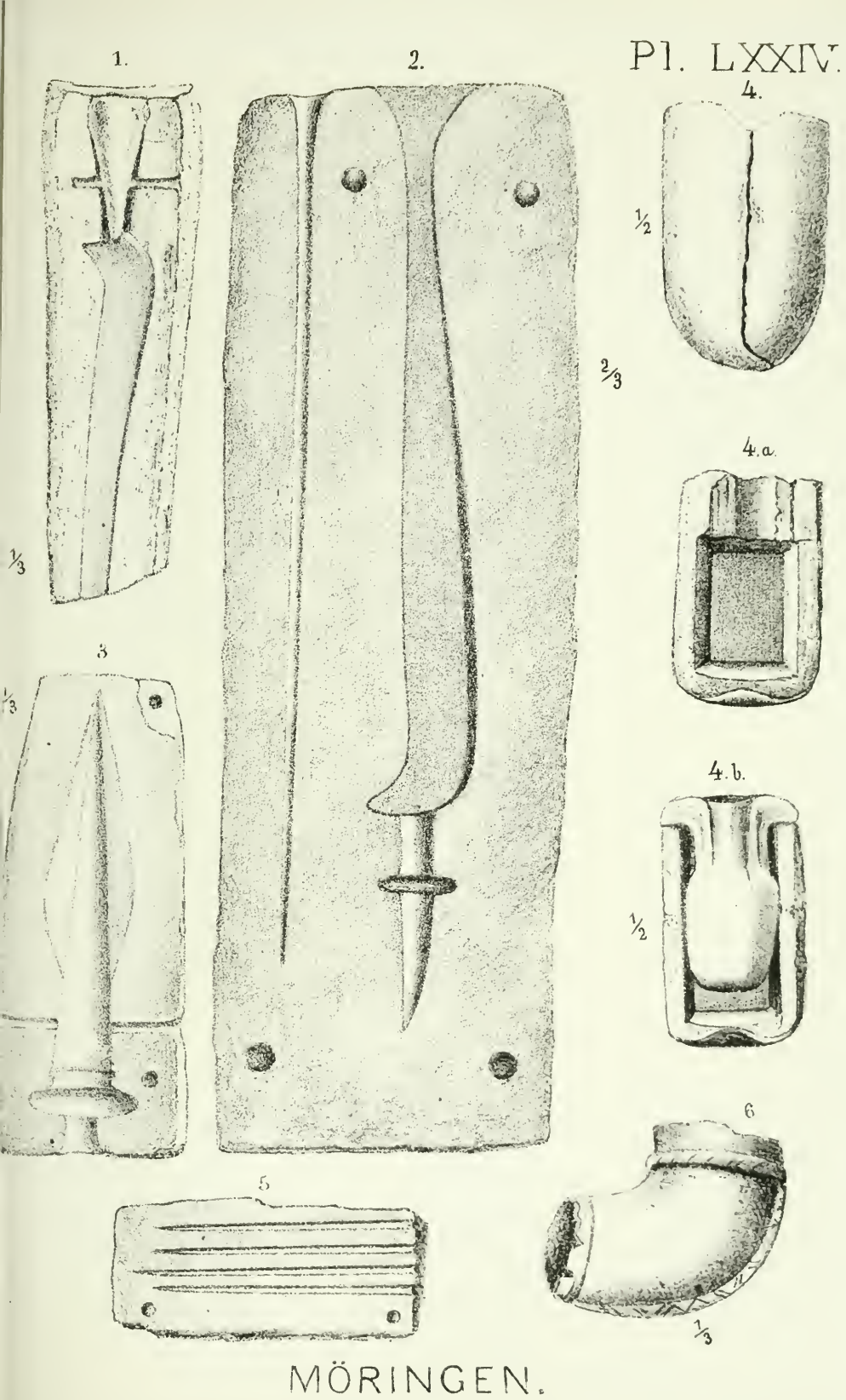


AUVERNIER & MÖRINGEN

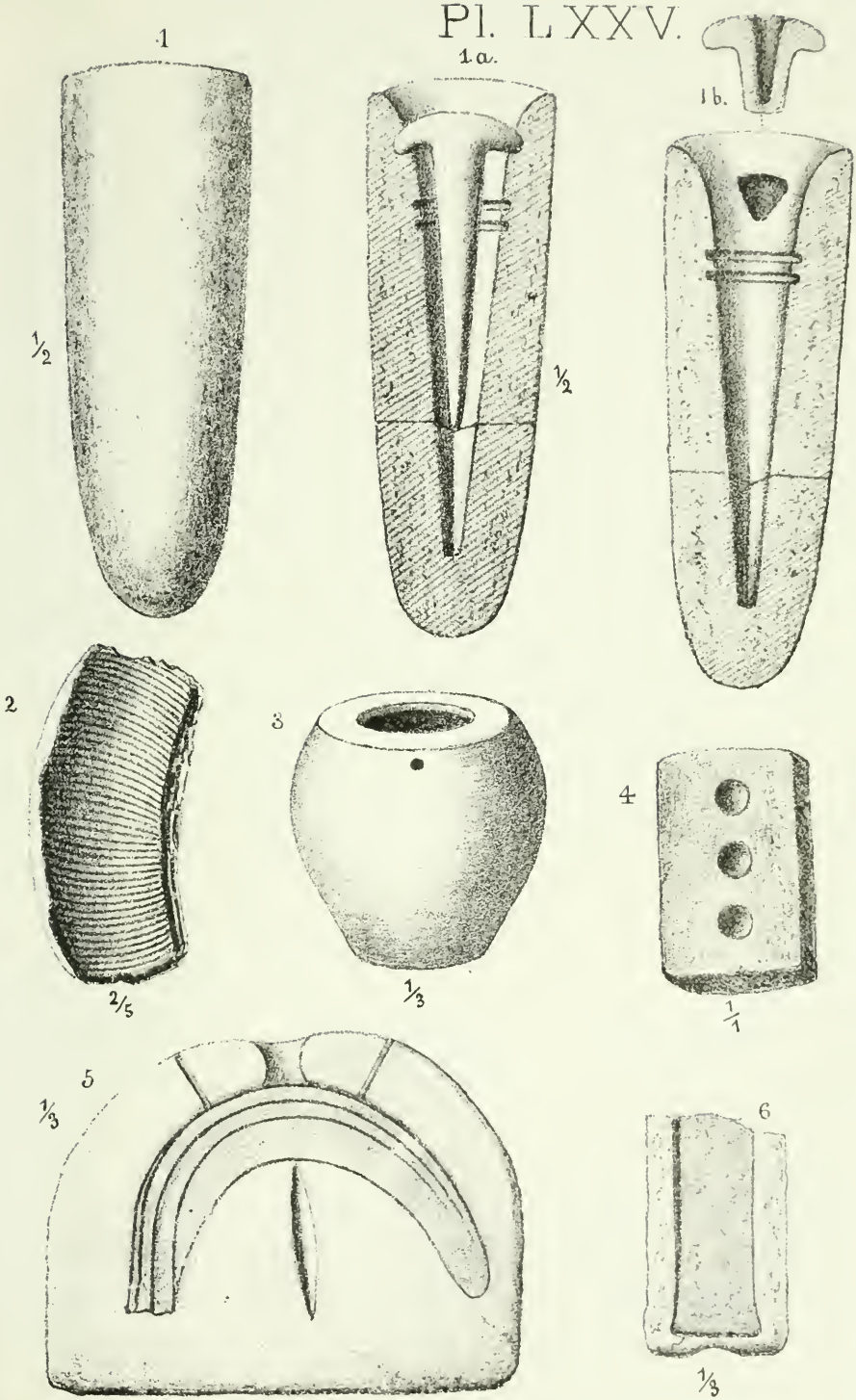


MÖRINGEN. AUVERNIER &c

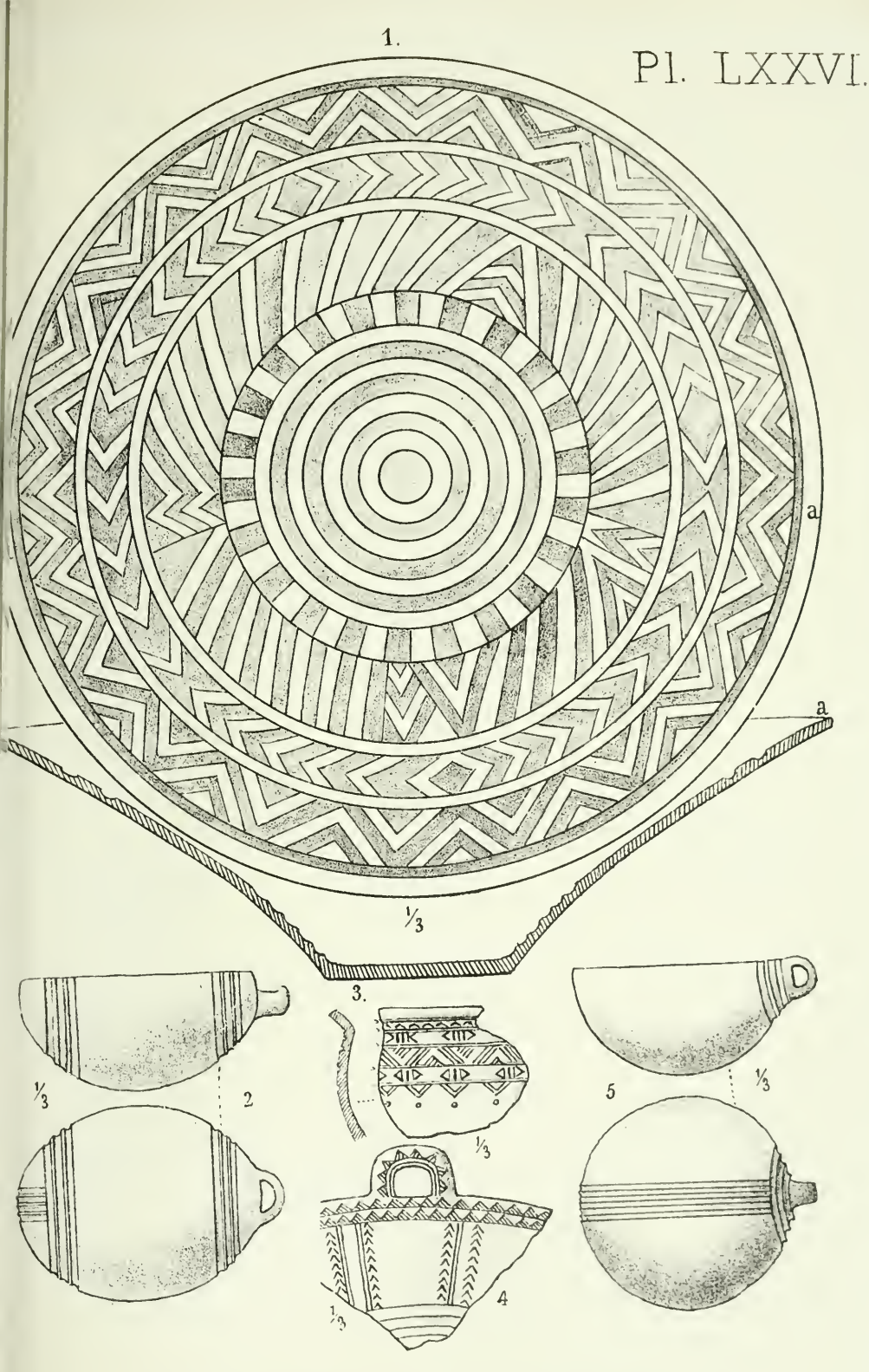


MÖRINGEN.

Pl. LXXV.



MÖRINGEN & AUVERNIER.



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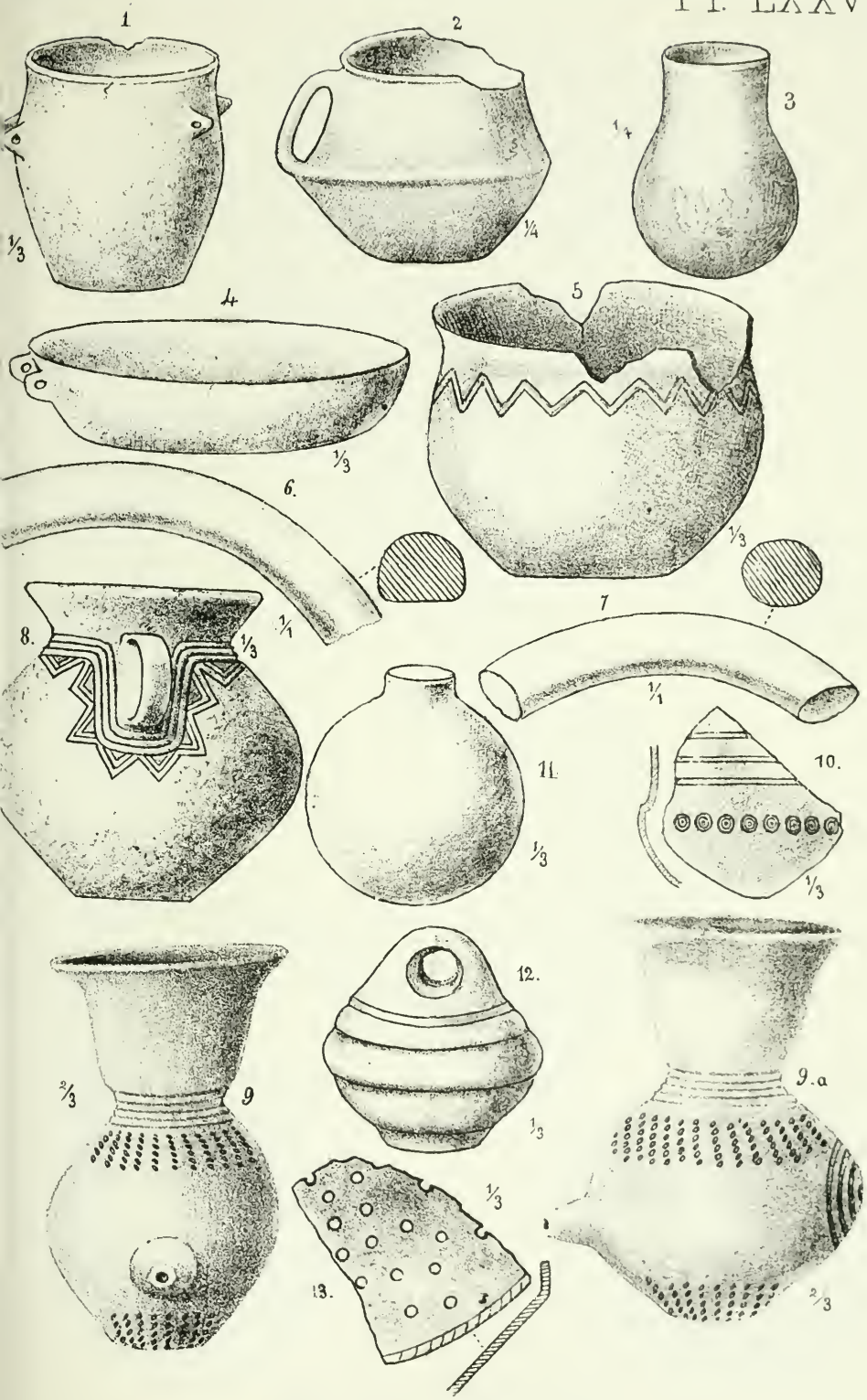

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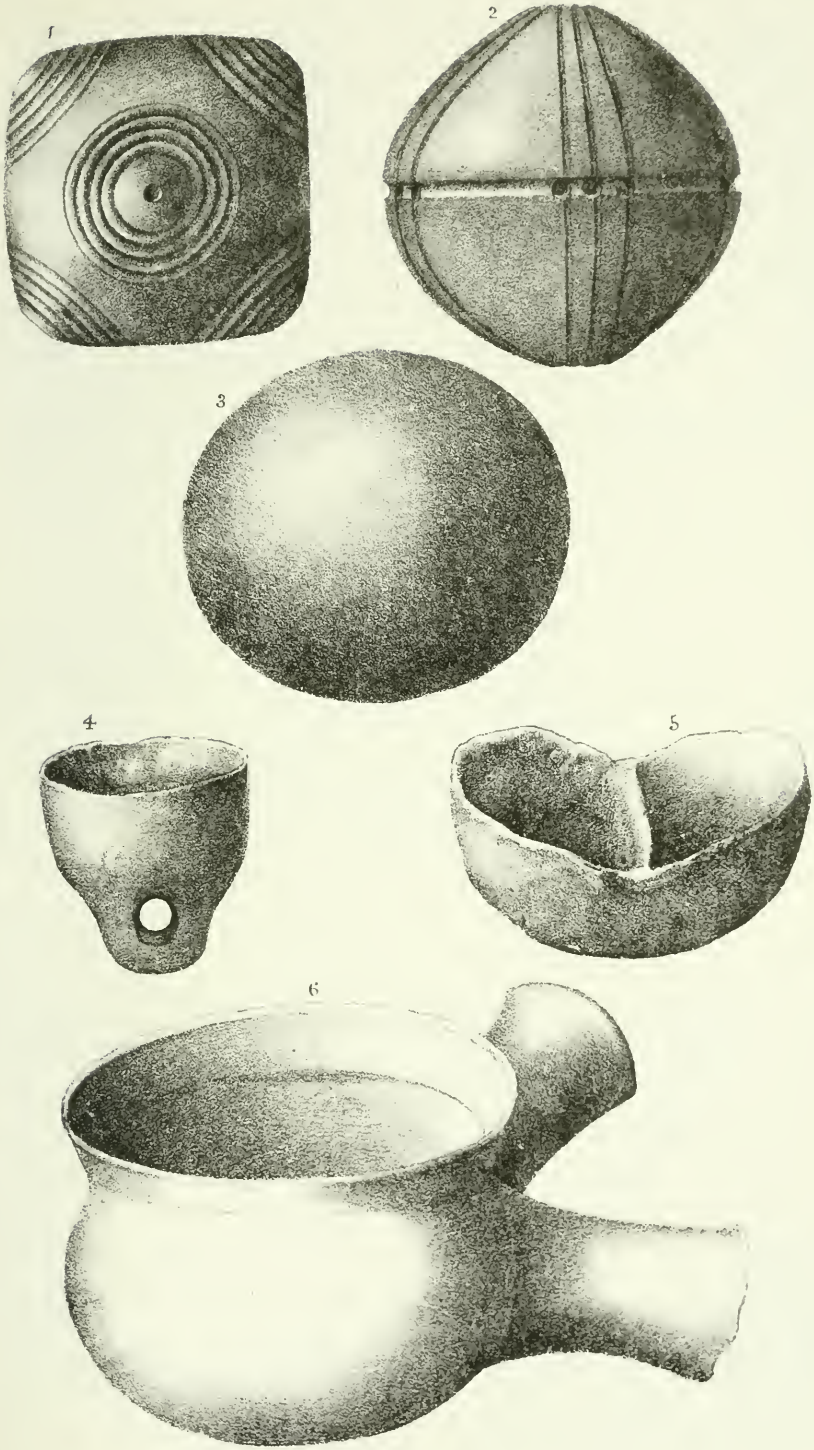
AUVERNIER.



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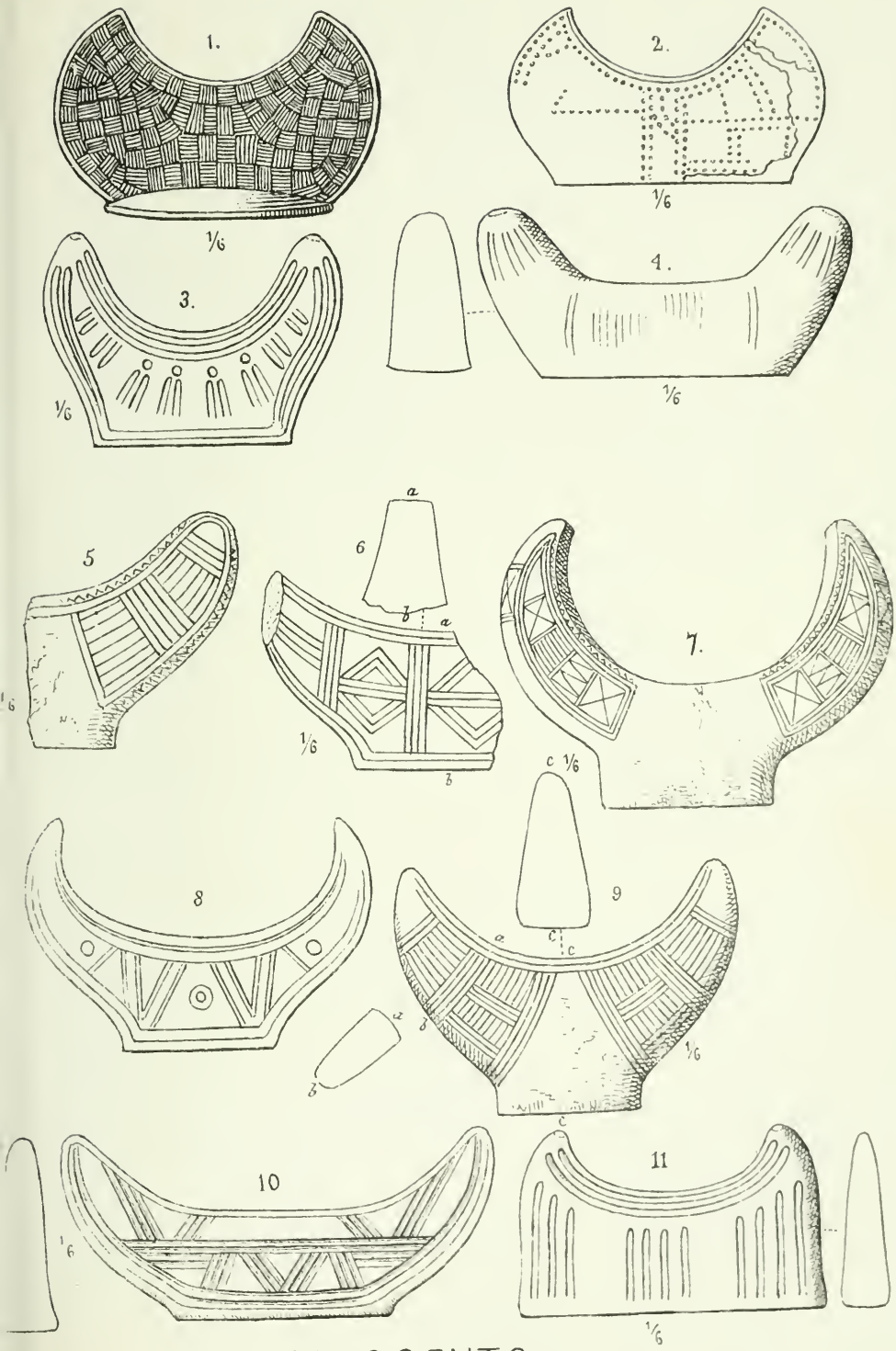
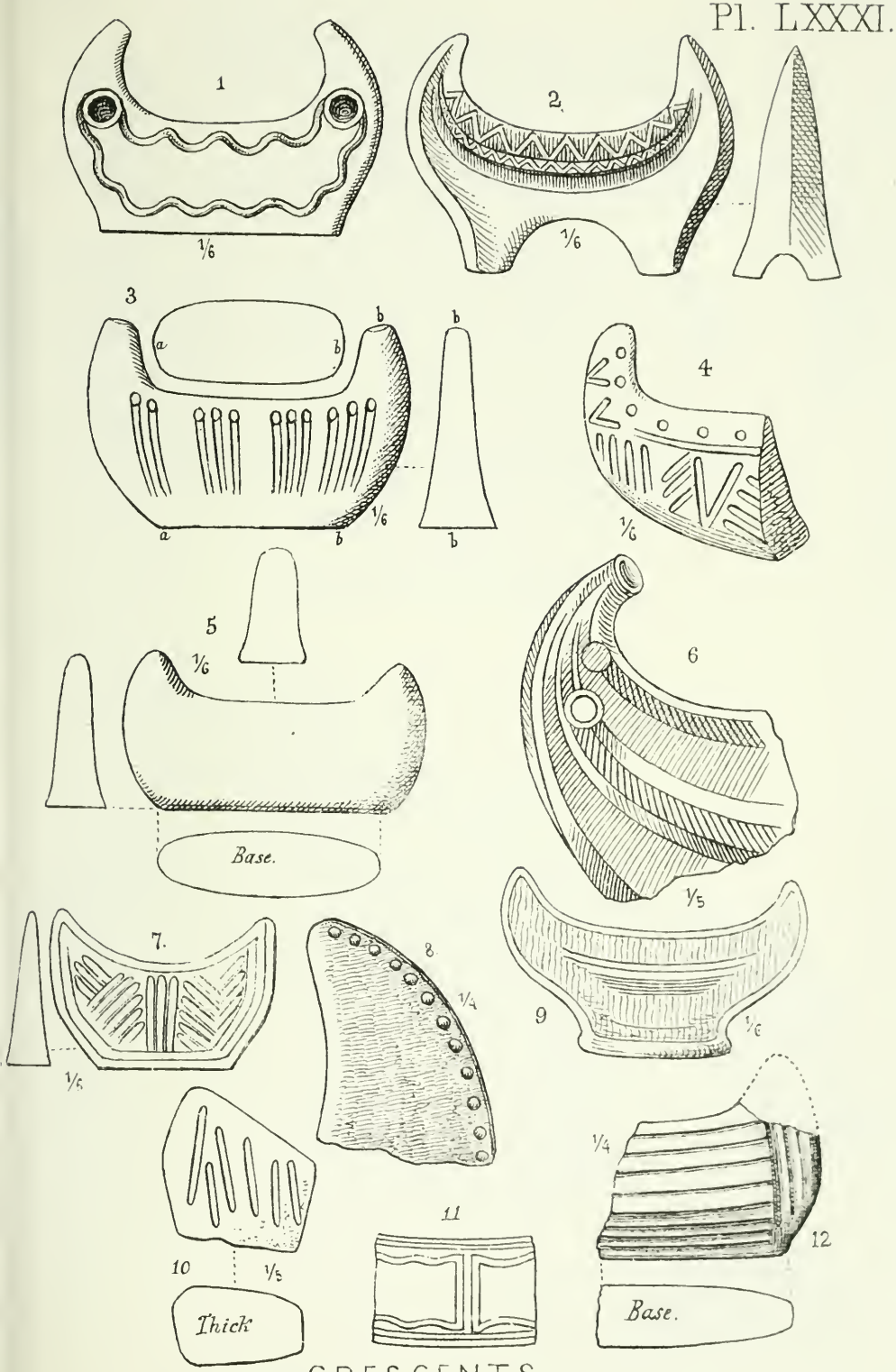


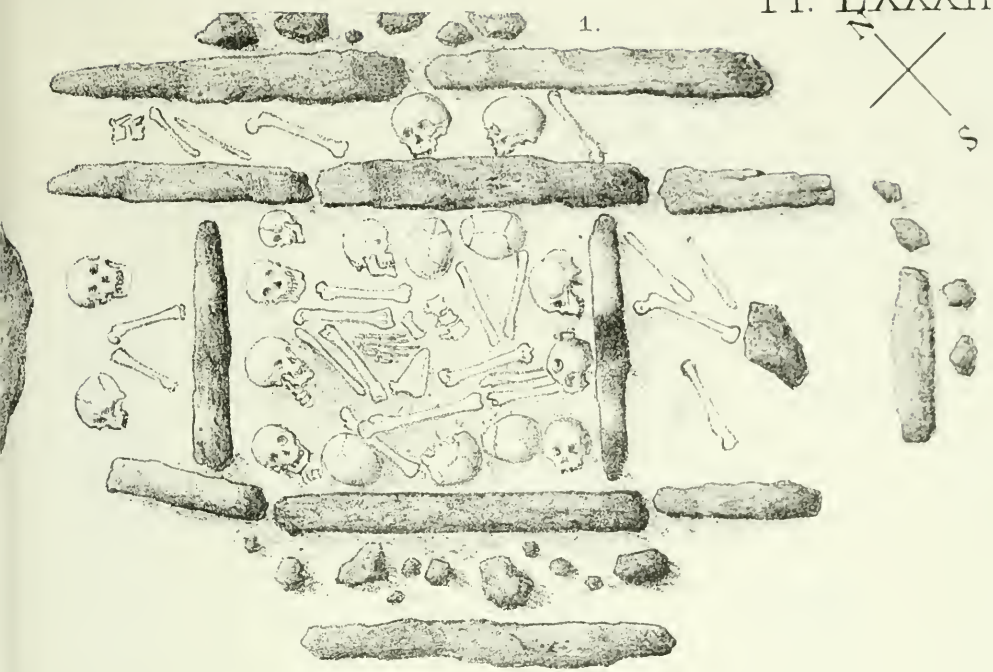
CRESCENTS.

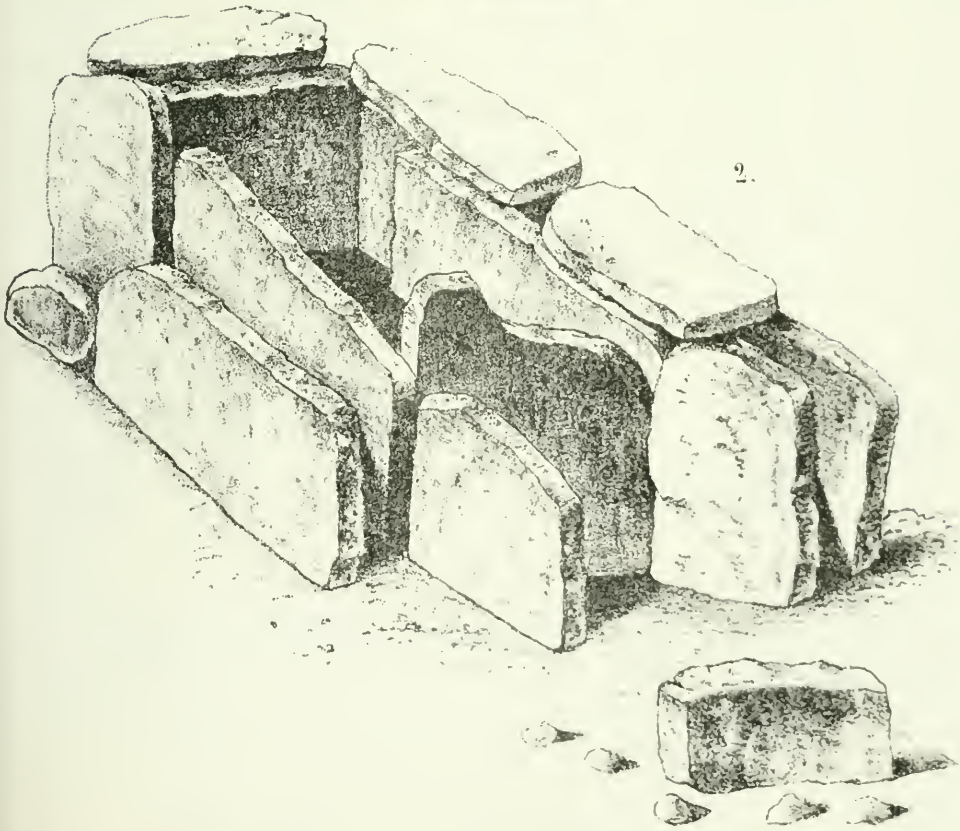
Figs. 5 & 7 from Ebersberg on the Mainland - The remainder from L.D.



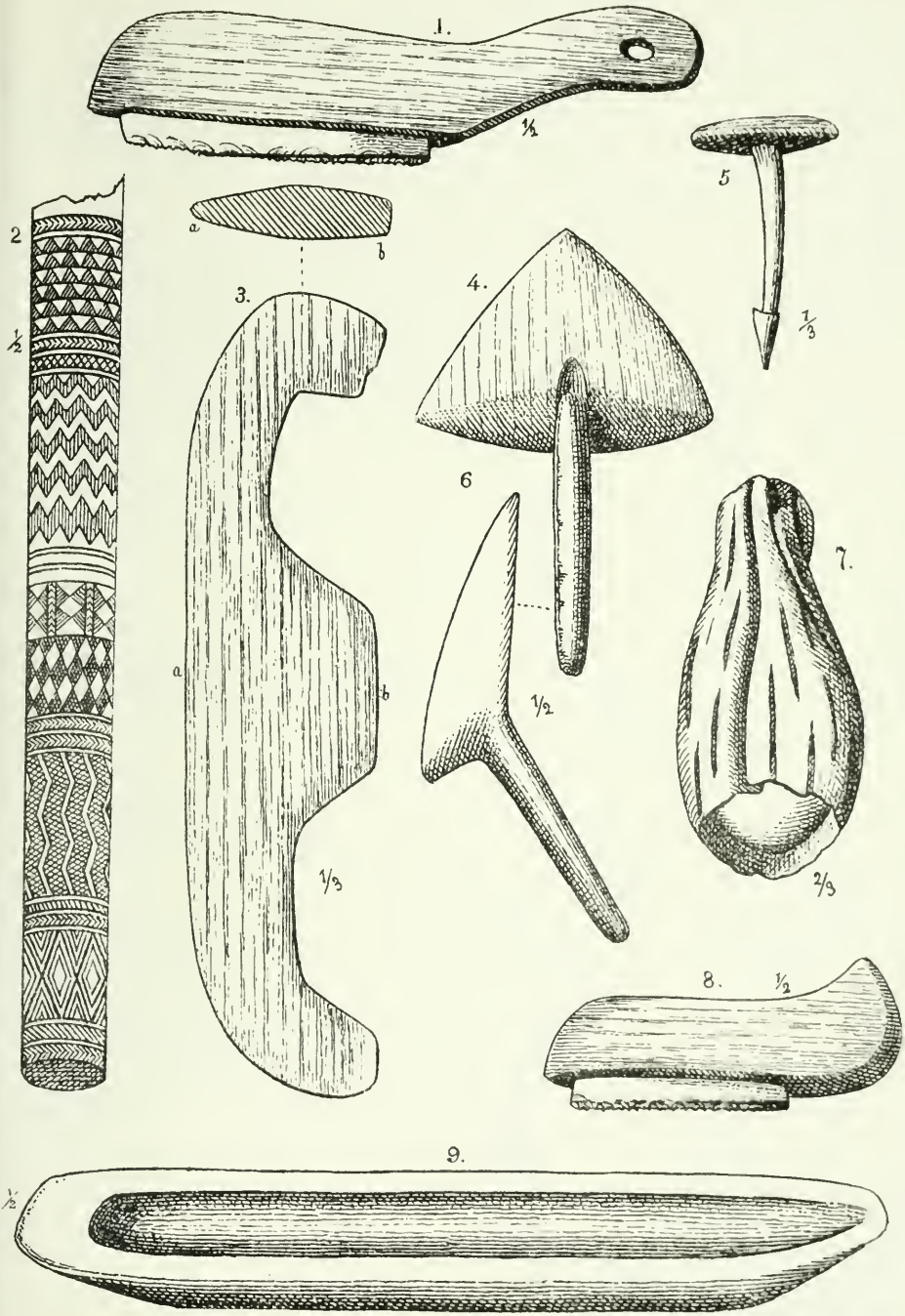
CRESCENTS.

from Various Lake dwellings.





TOMB AT AUVERNIER.



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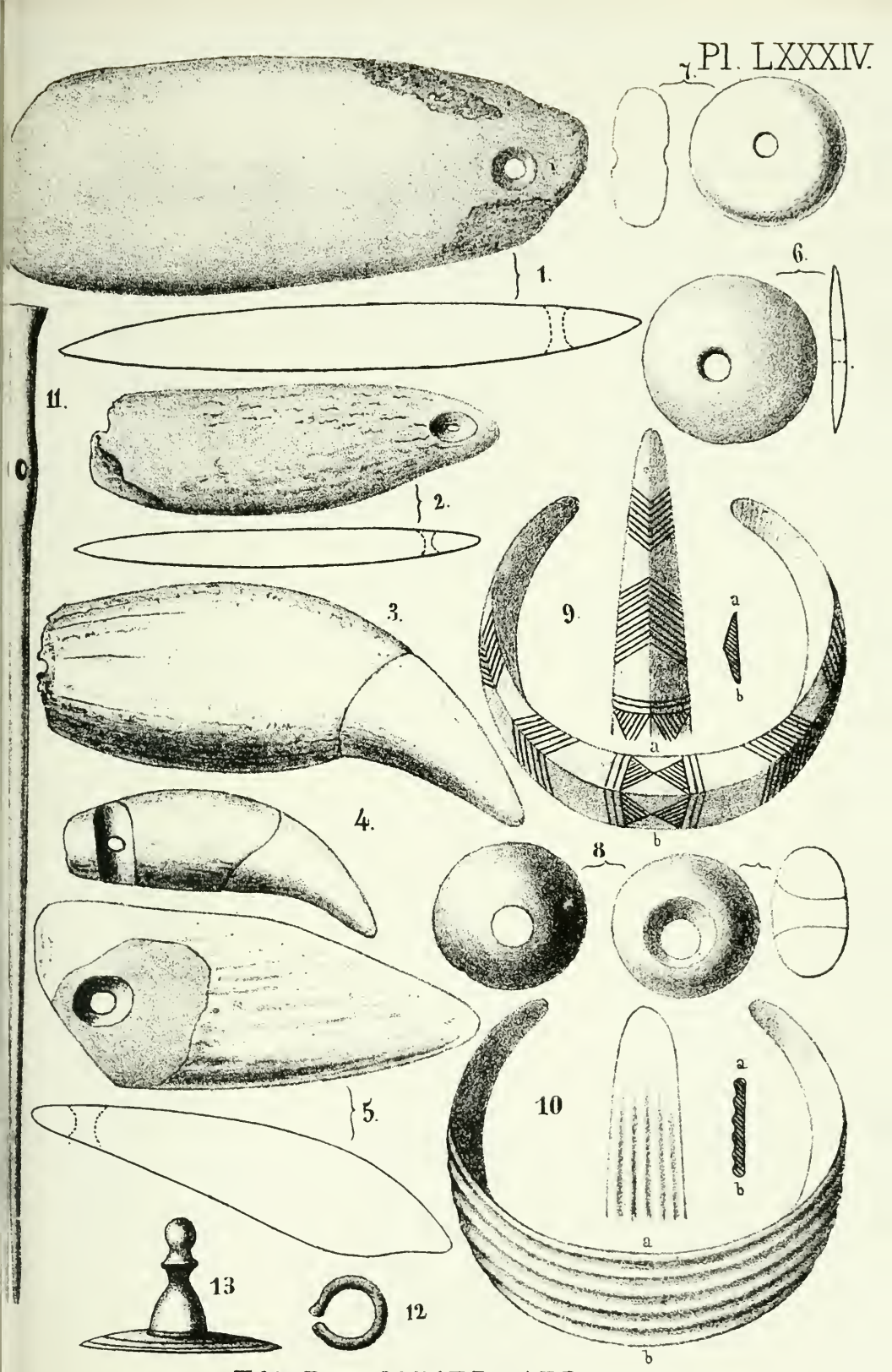

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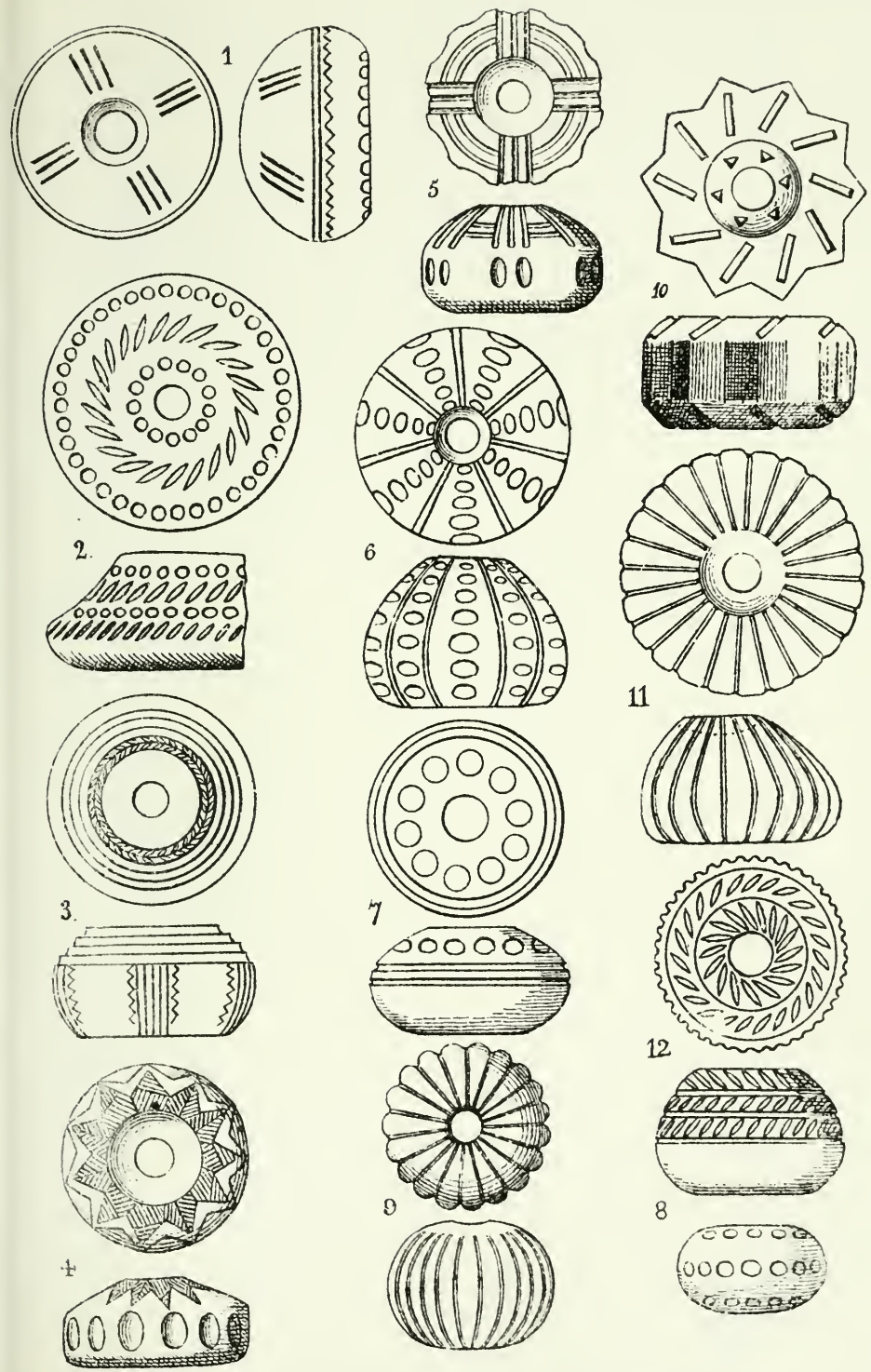
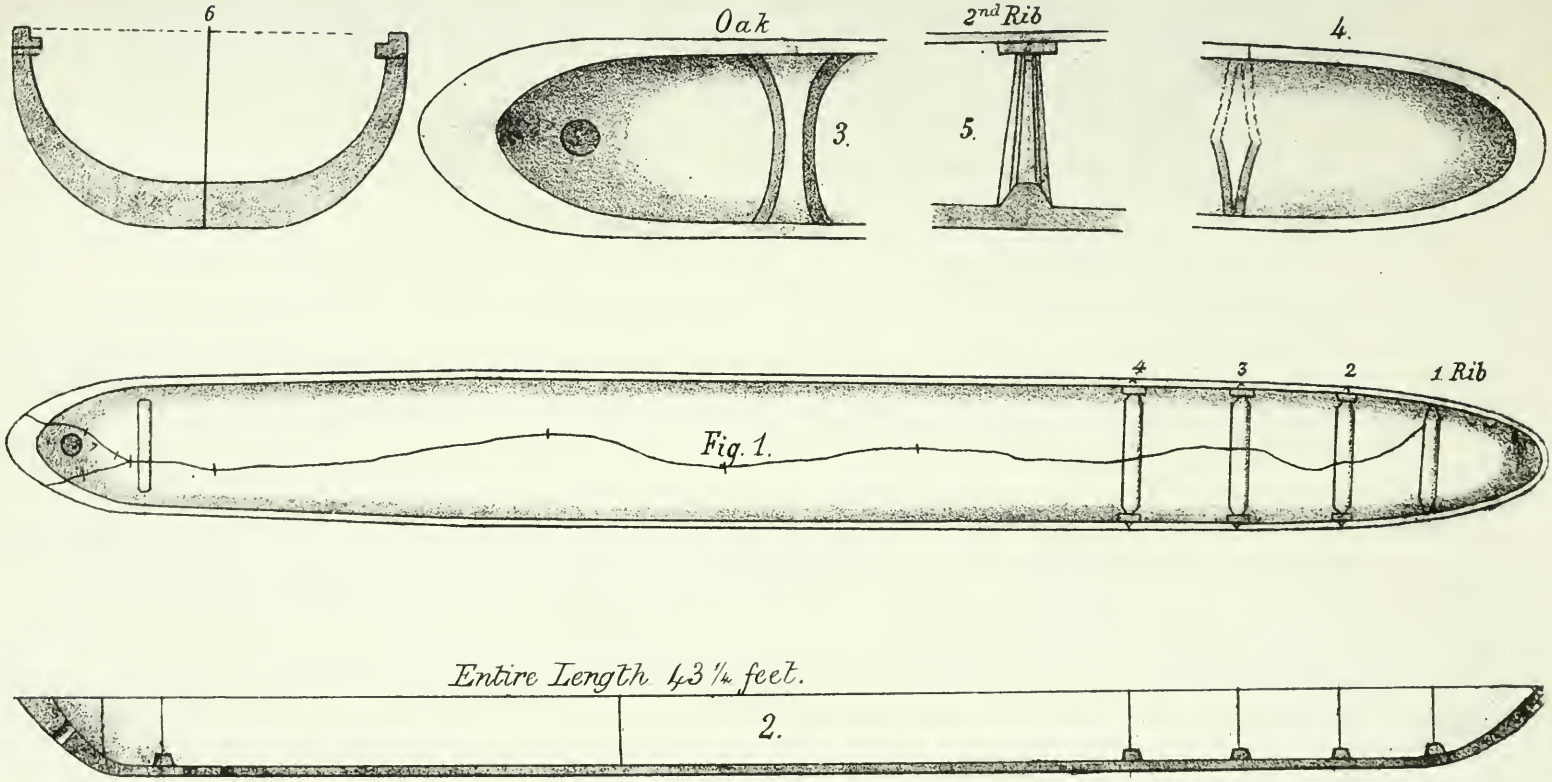
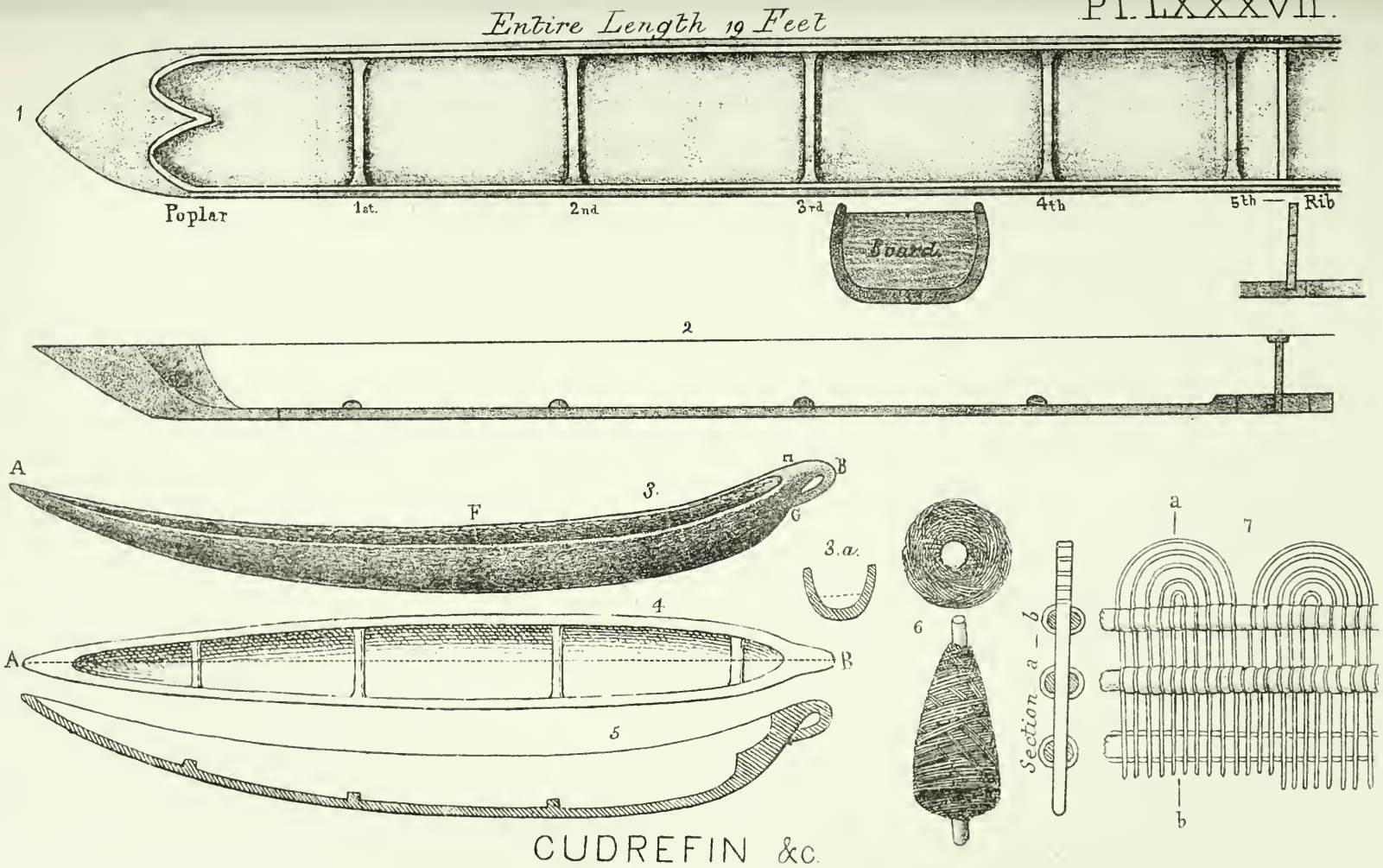


MÖRINGEN & AUVERNIER.

Spindle-whorls.



VINGELZ, *Canoe of Oak.*


Entire Length 19 Feet
1
Poplar
1st.
2nd
3rd
4th
5th
Rib
Board
2
A
B
F
G
3.
3.a.
4
A
B
5
6
Section a – b
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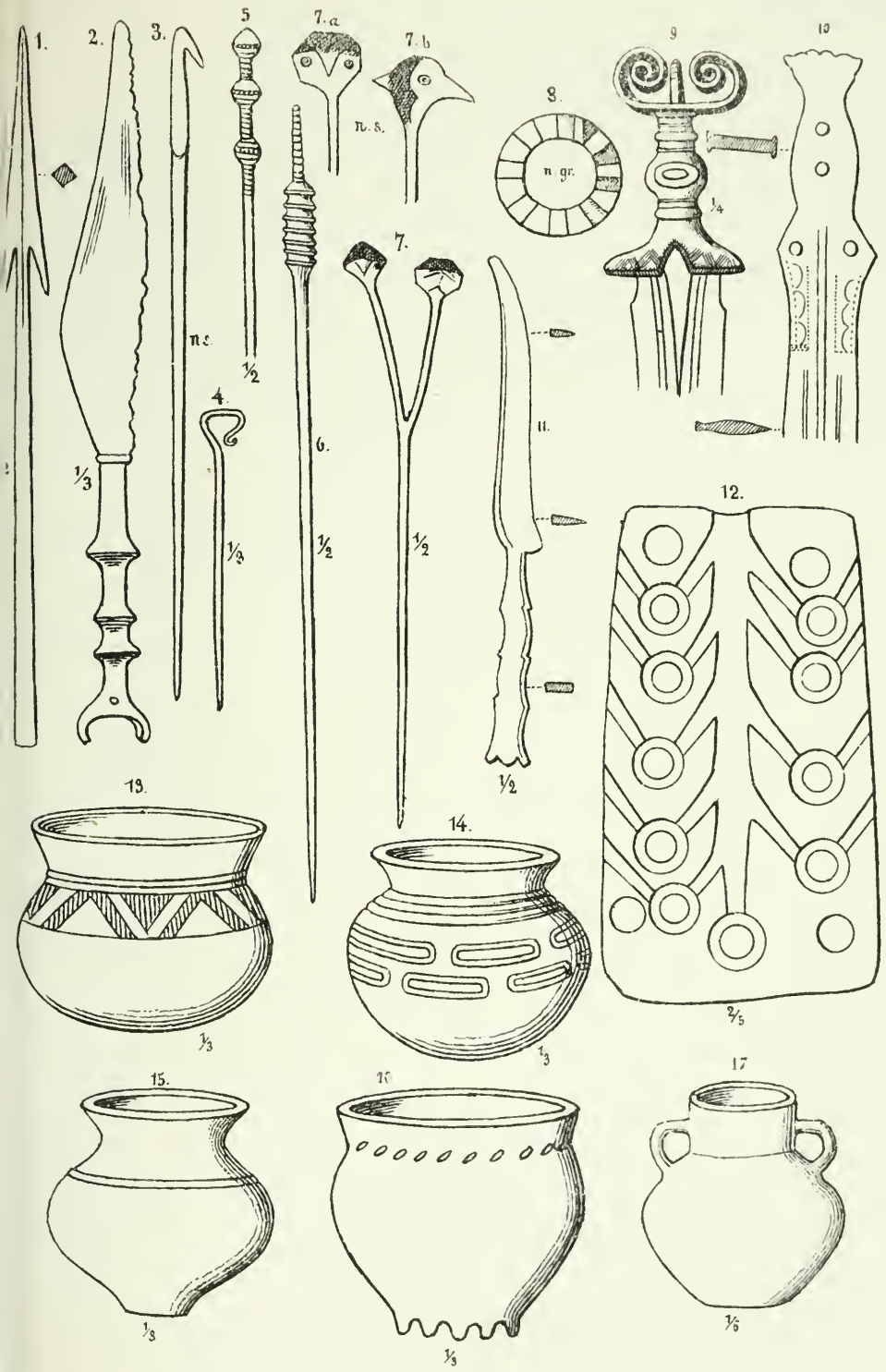
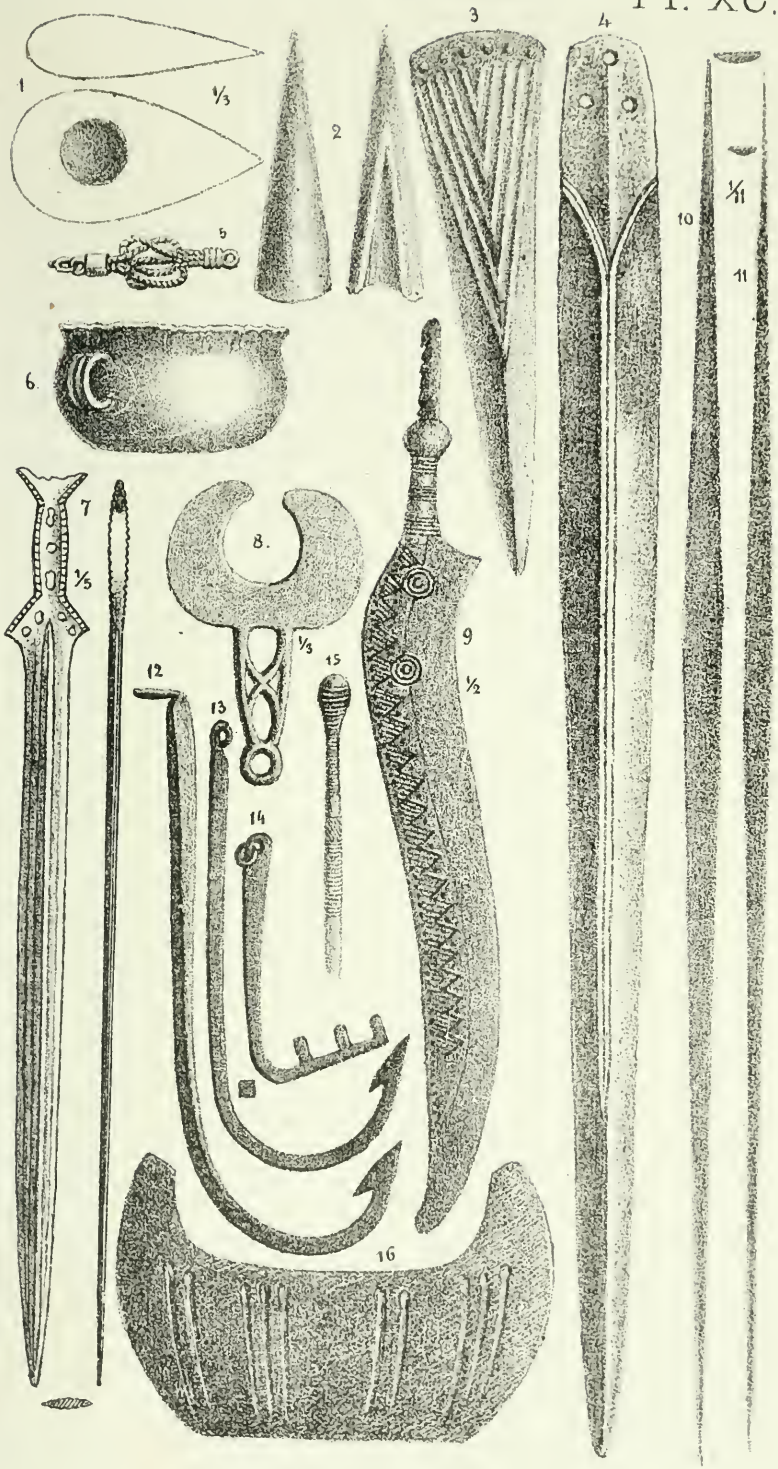
b

CUDREFIN &c.

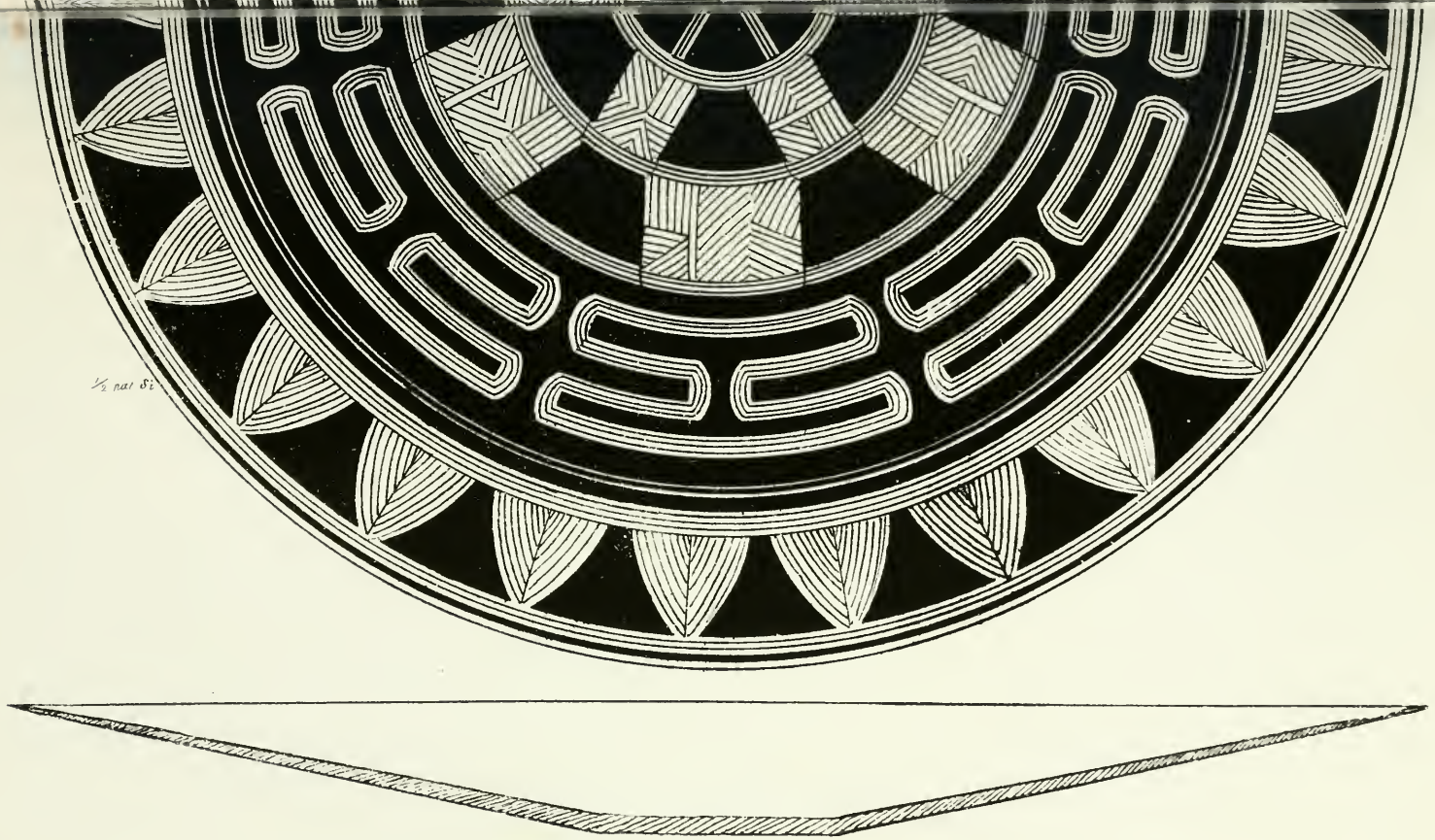


LATÉNE, MORGES, GENEVA &c.

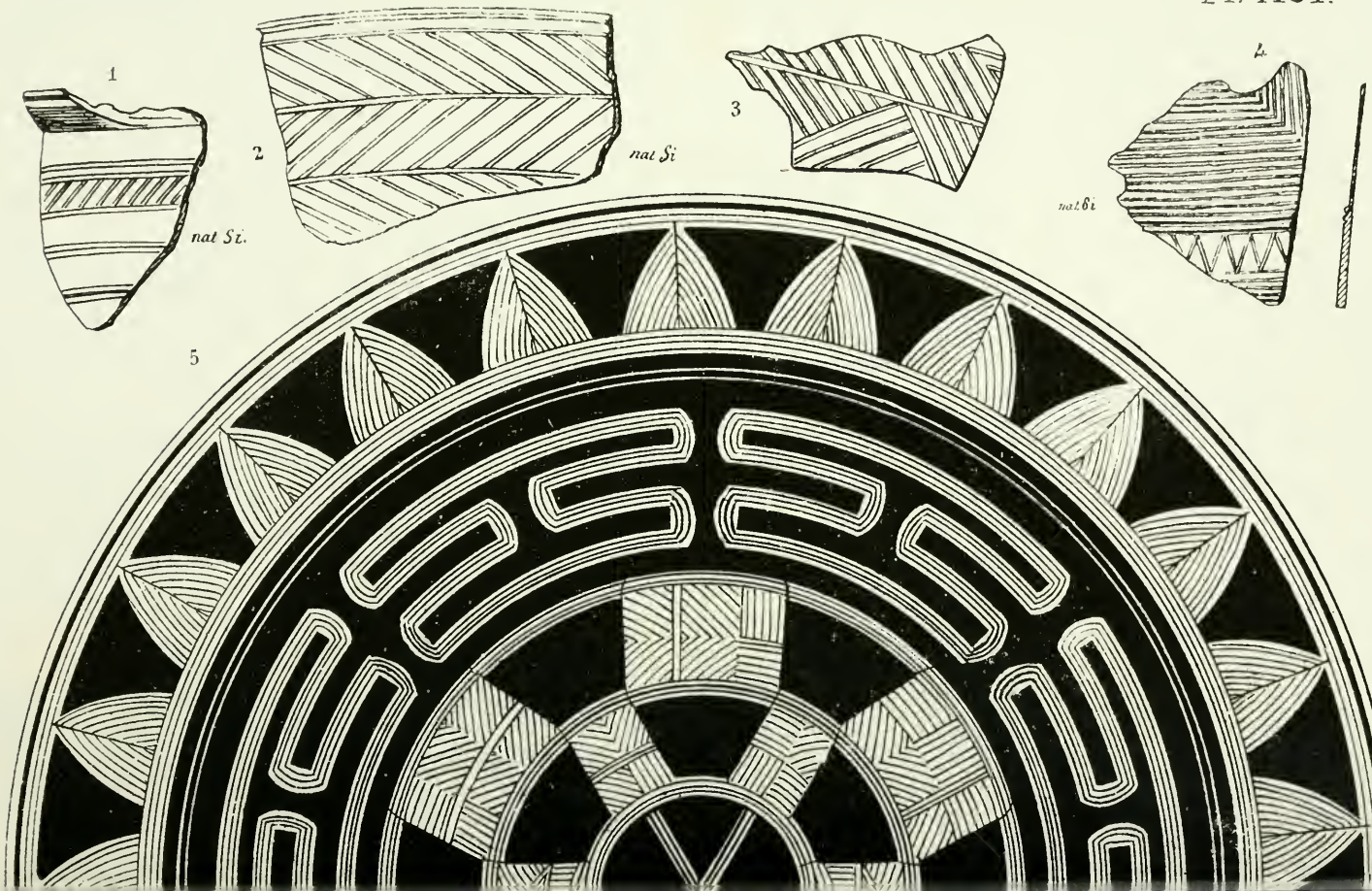
GENEVA, MÖRINGEN, &c.



SUTZ, LATTRINGEN &c.



CORTAILLOD &c.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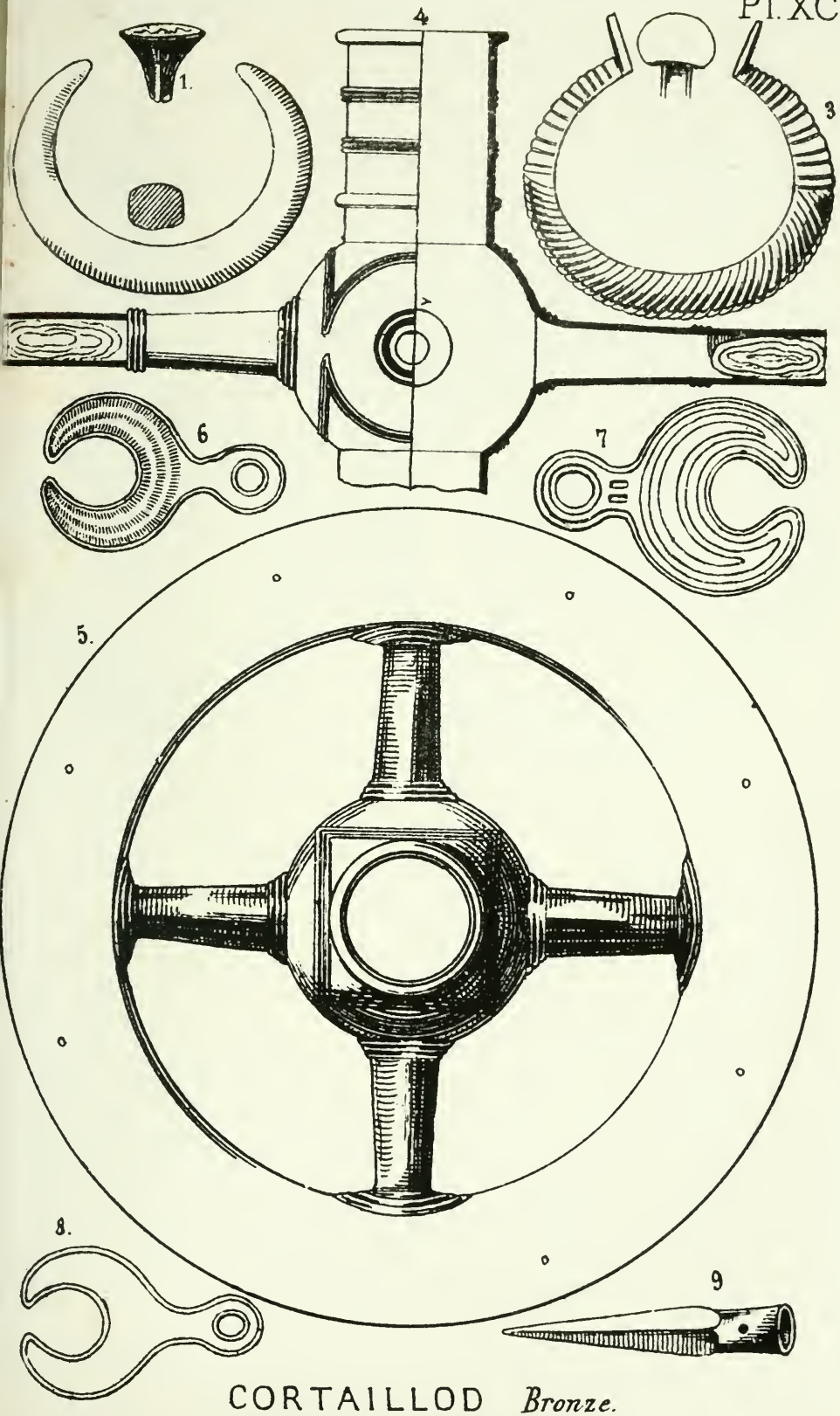
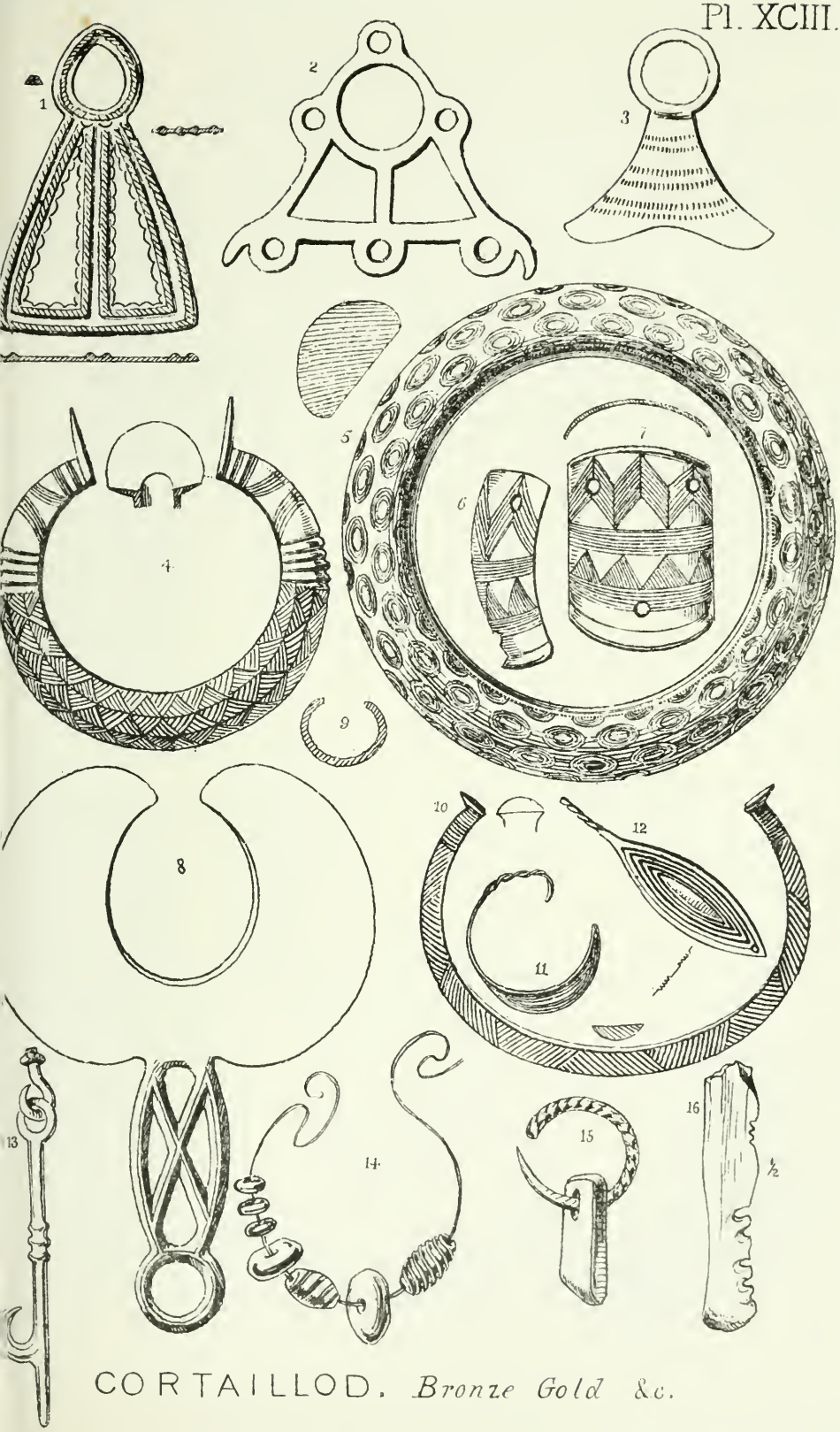
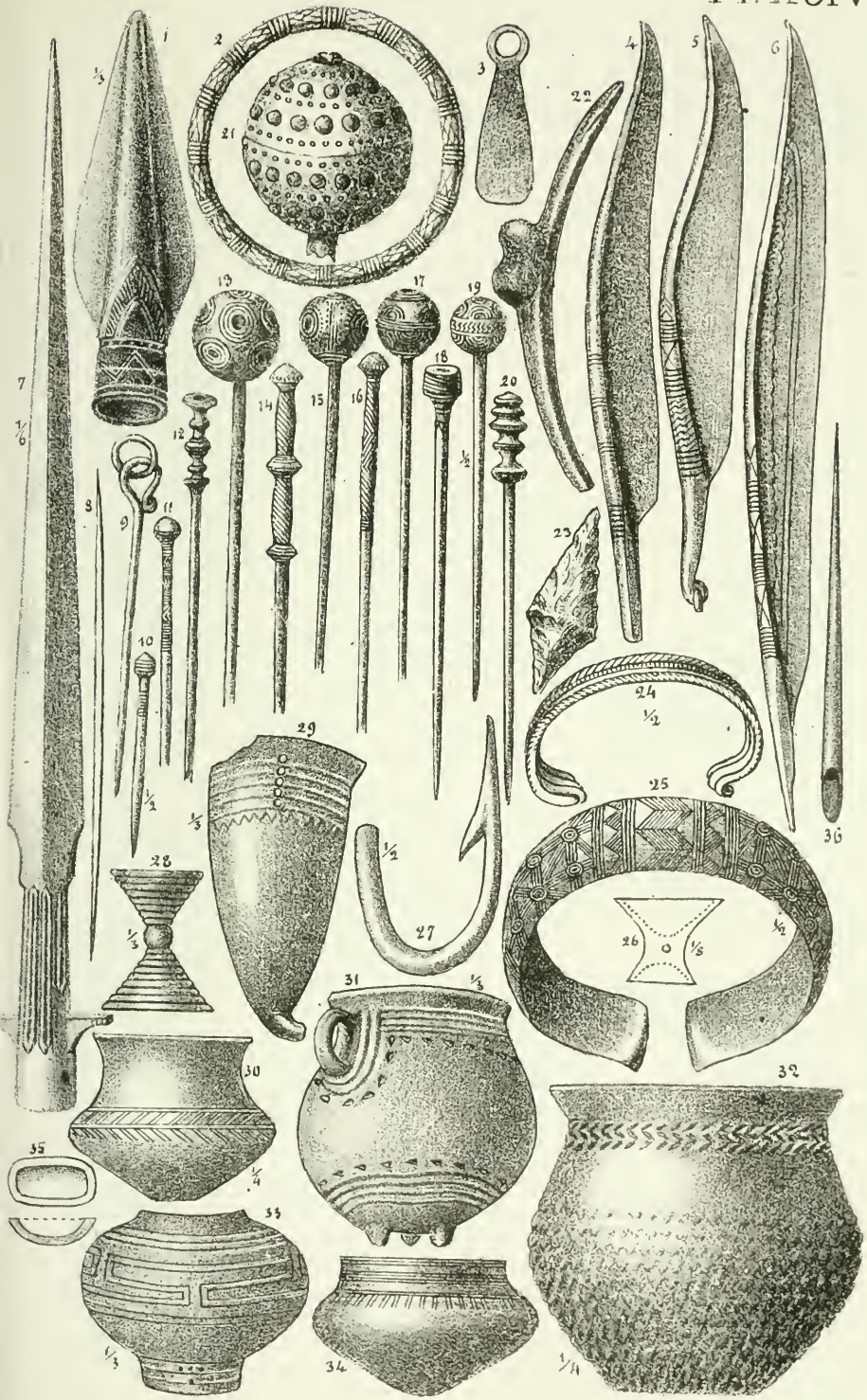


CORTAILLOD *Bronze.*

Fig 4 & 5 Quarter Size - Romainder Half Size.



CORTAILLOD. *Bronze Gold &c.*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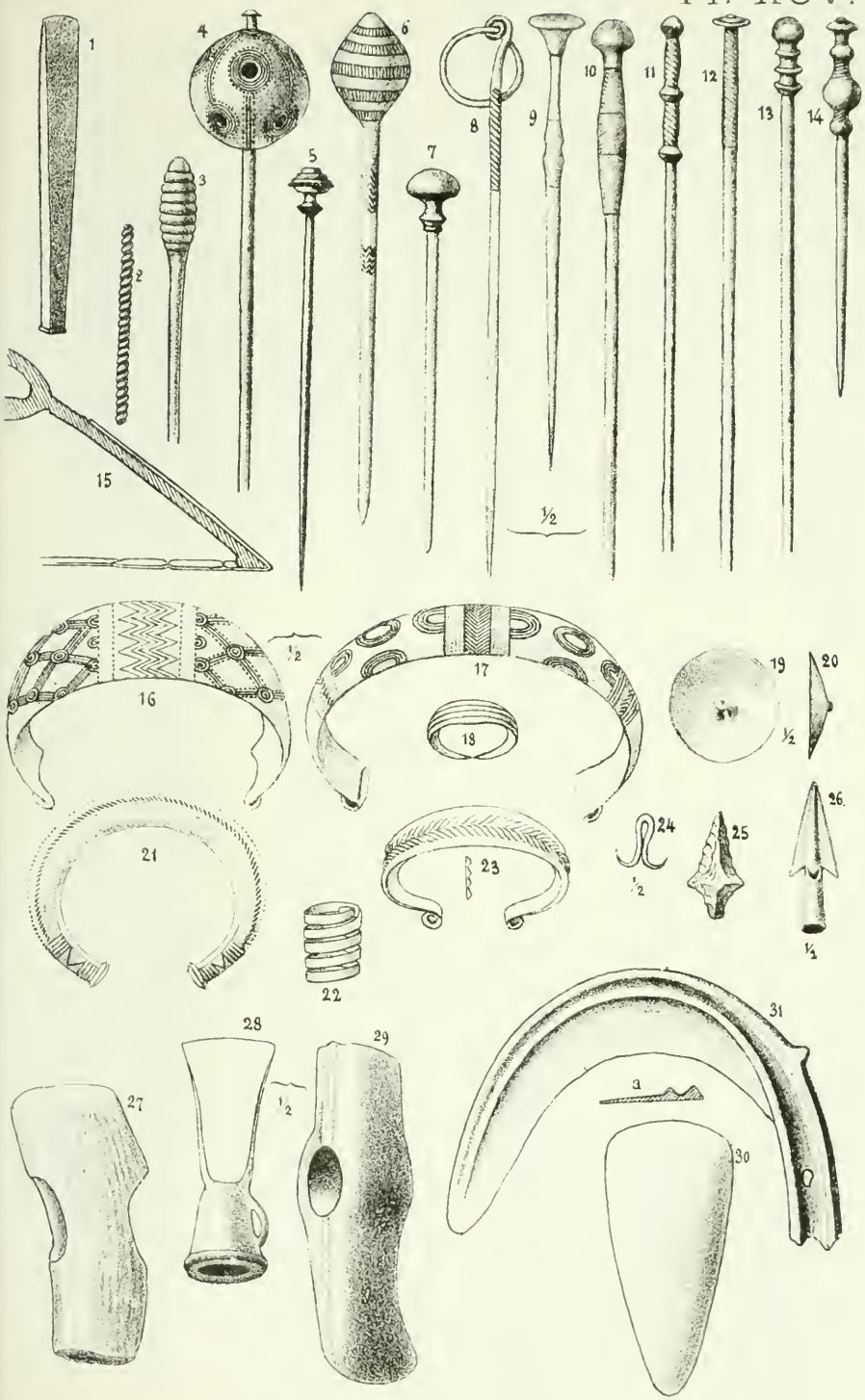
AUVERNIER &c.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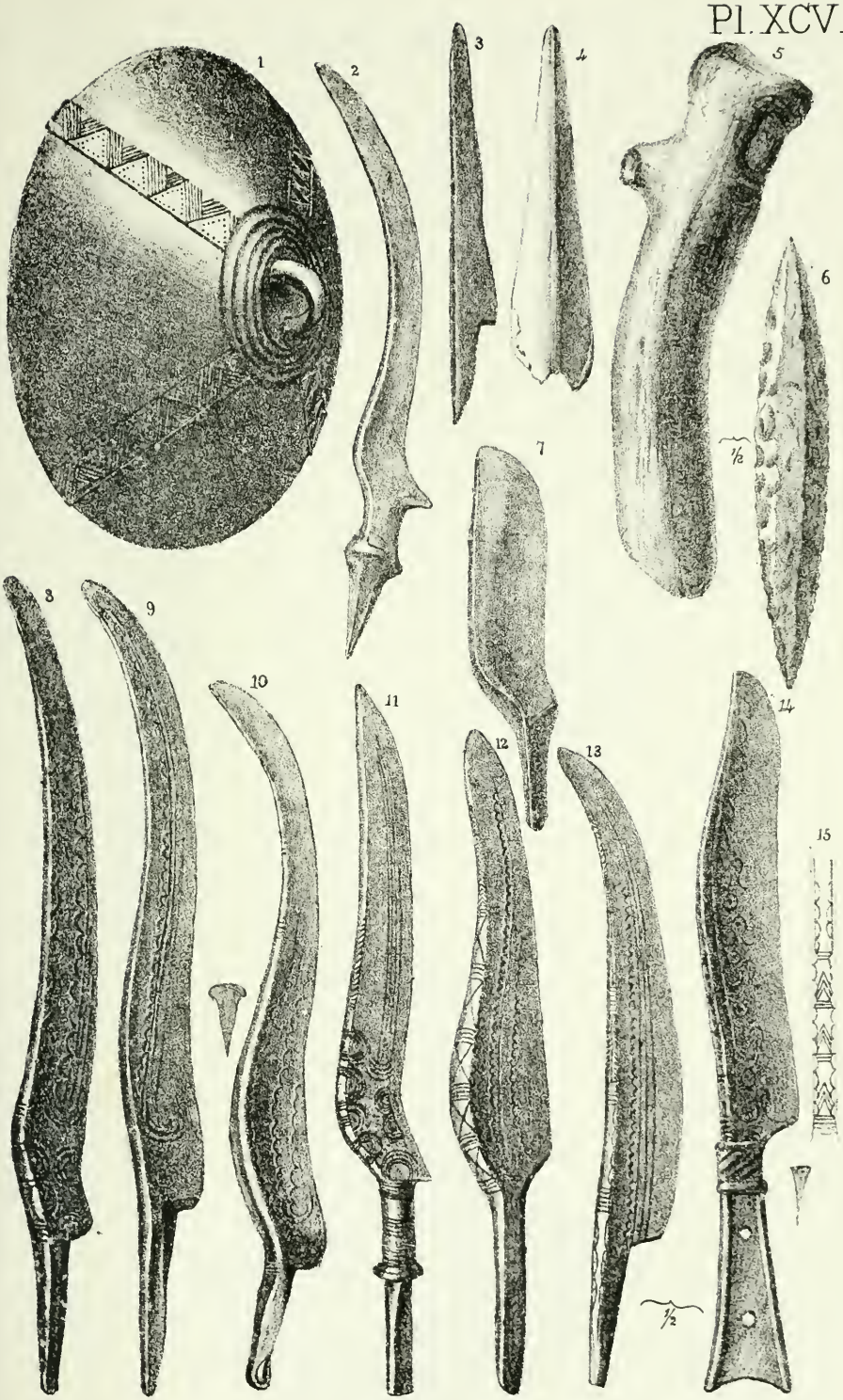
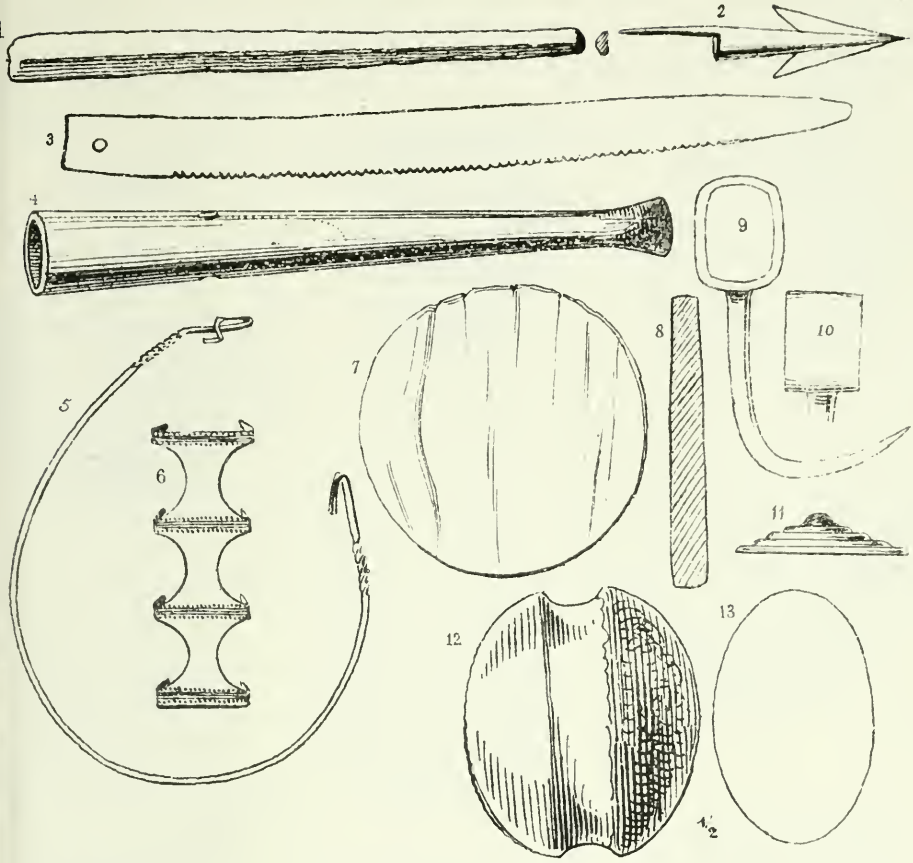
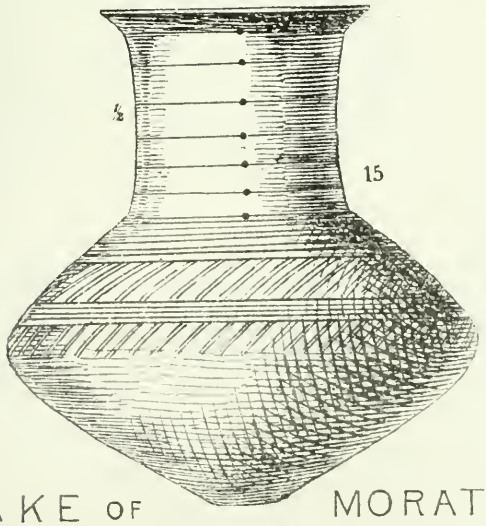
ESTAVAYER



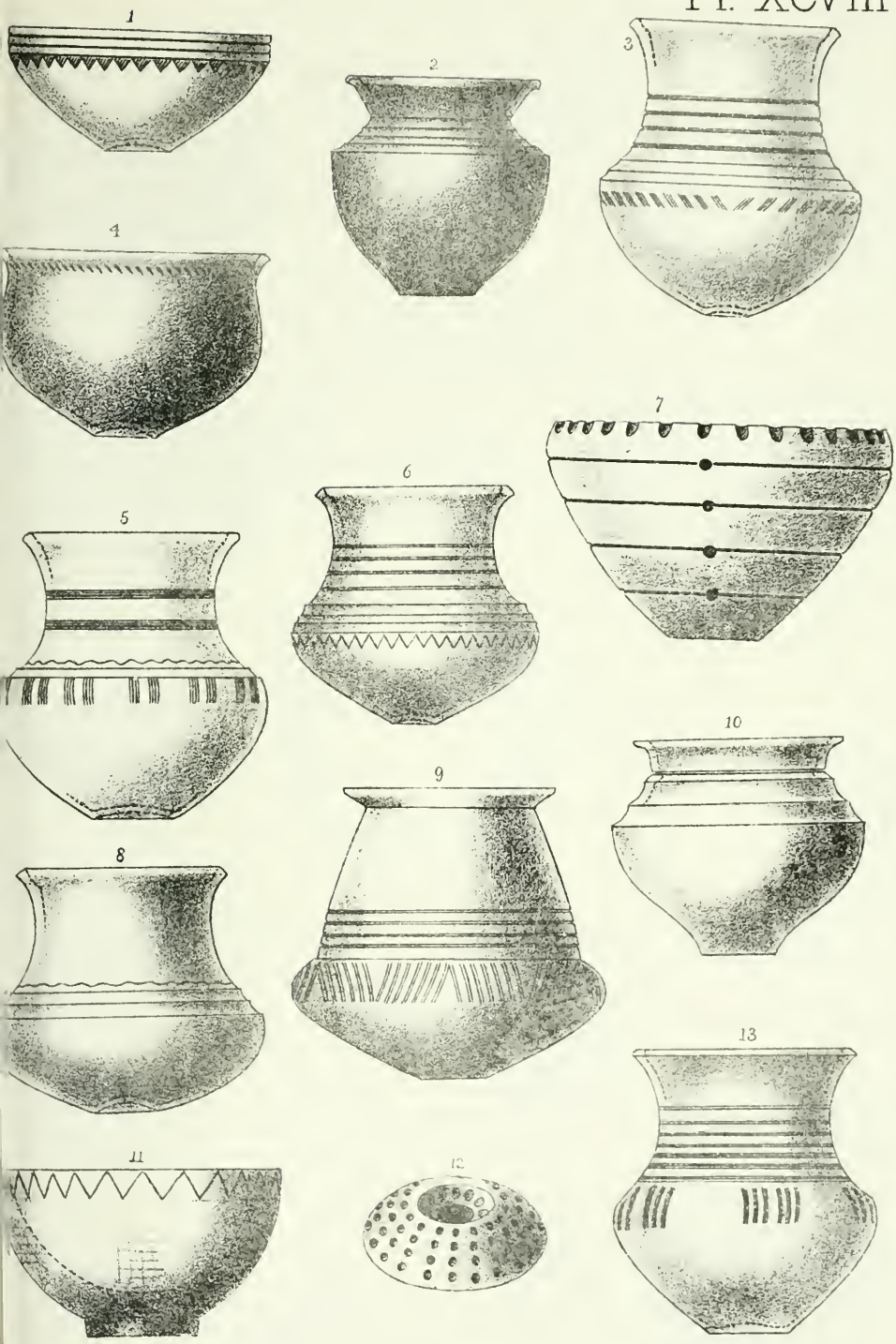
ESTAVAYER &c.



ESTAVAYER. *Tin, Bronze &c.*

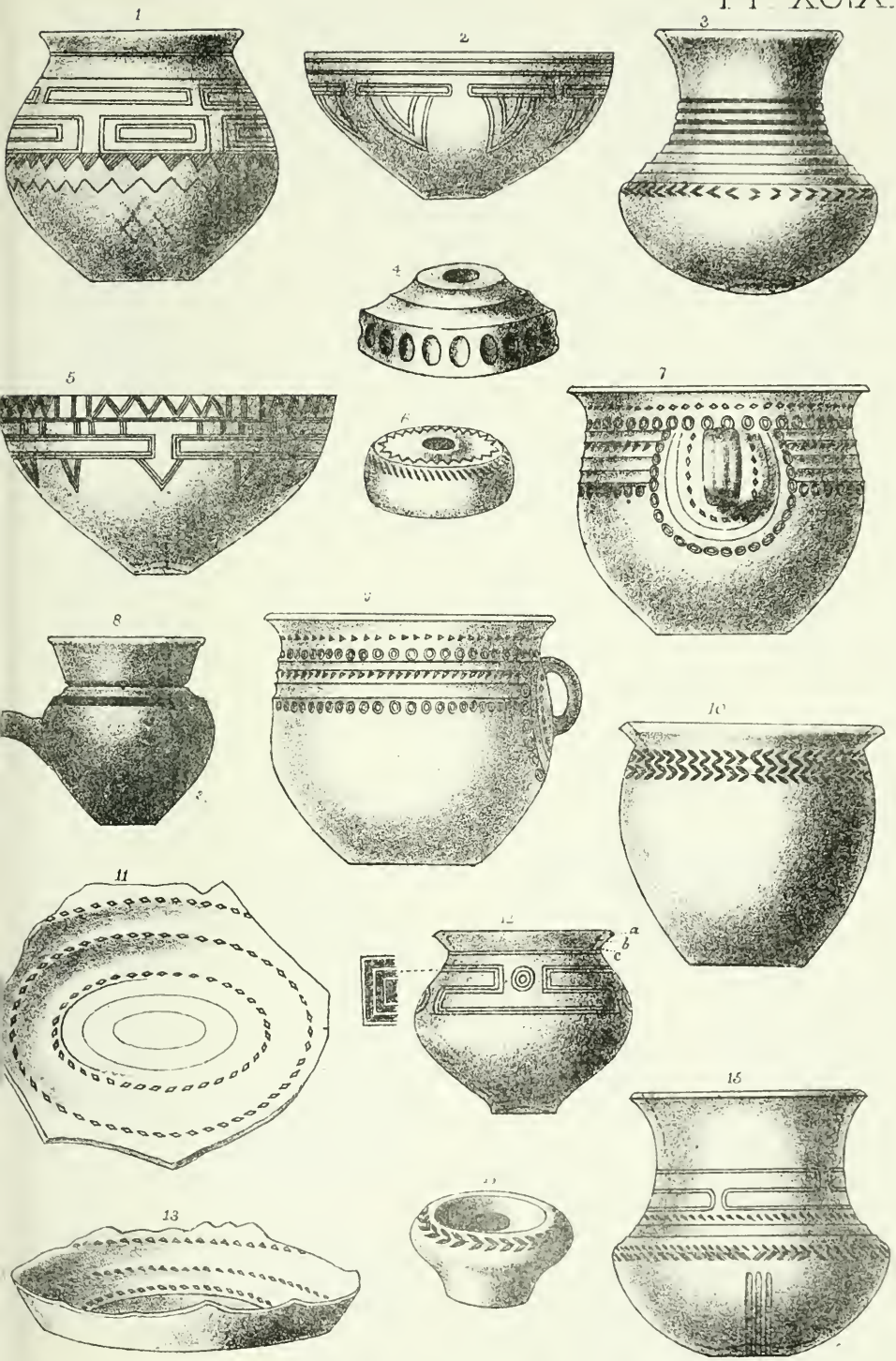


LAKE OF MORAT.



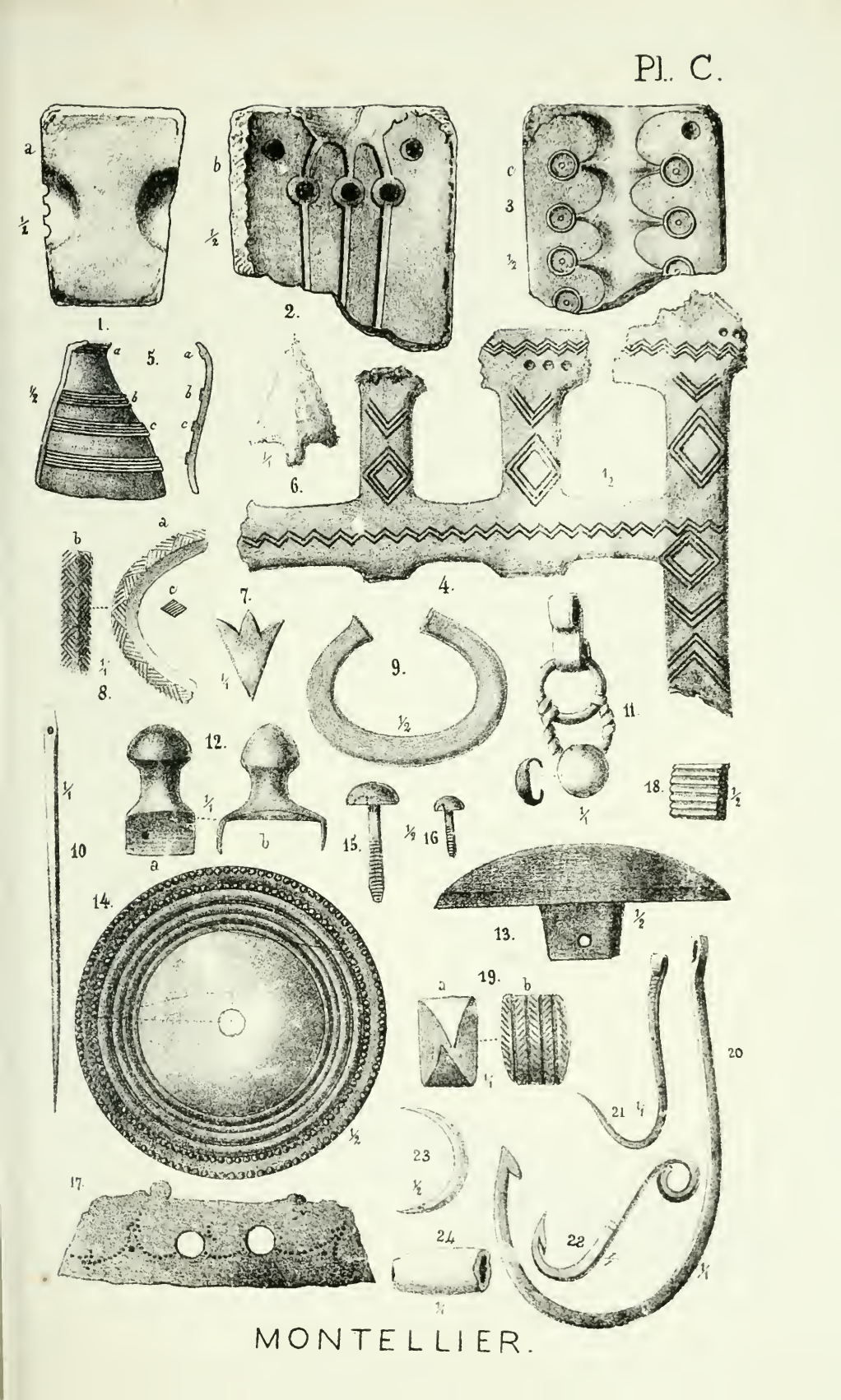
MONTELLIER.

all ⅓



MONTELLIER.

all ⅞ except Figure Eight.



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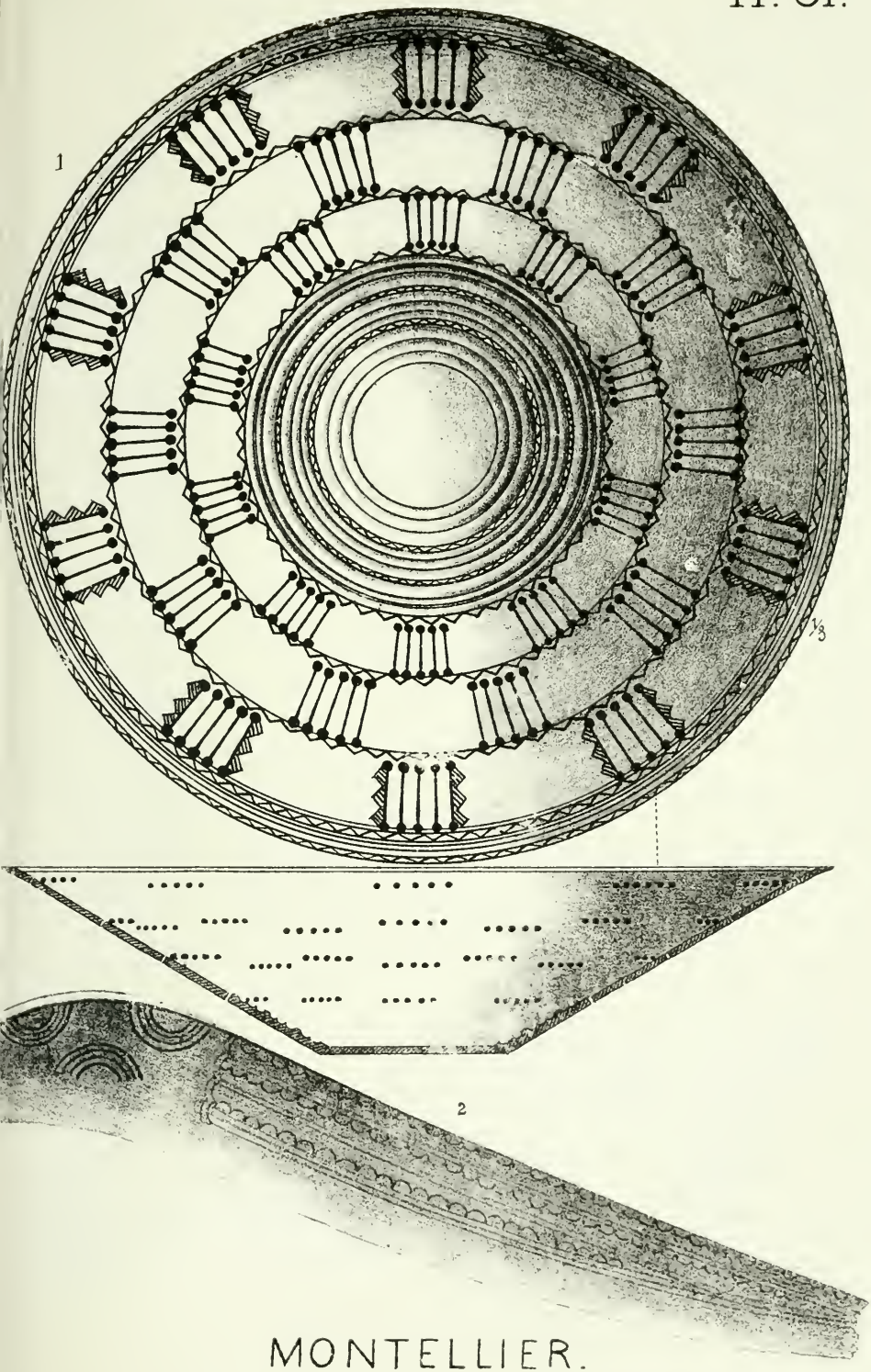

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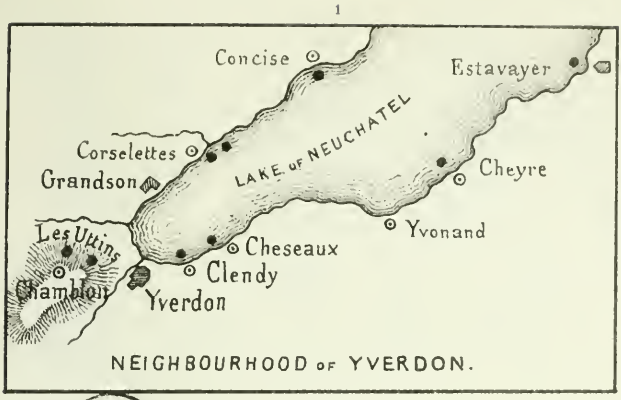
1
Concise
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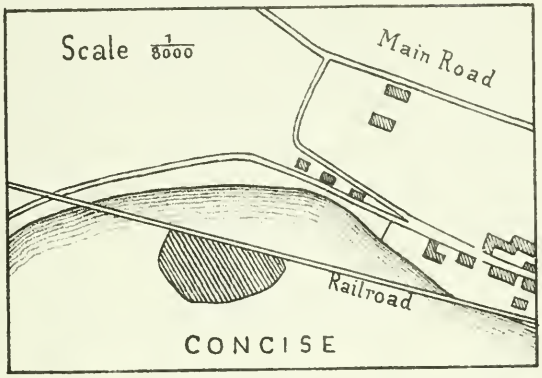
Corselettes
Grandson
LAKE OF NEUCHATEL
Cheyre
Yvonand
Les Uttins
Cheseaux
Clendy
Chamblon
Yverdon
NEIGHBOURHOOD OF YVERDON.

Section at Les Uttins
2
Mould
Upper Peat
Mud
Lower Peat

17

18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Scale 1/8000
Main Road
Railroad
CONCISE

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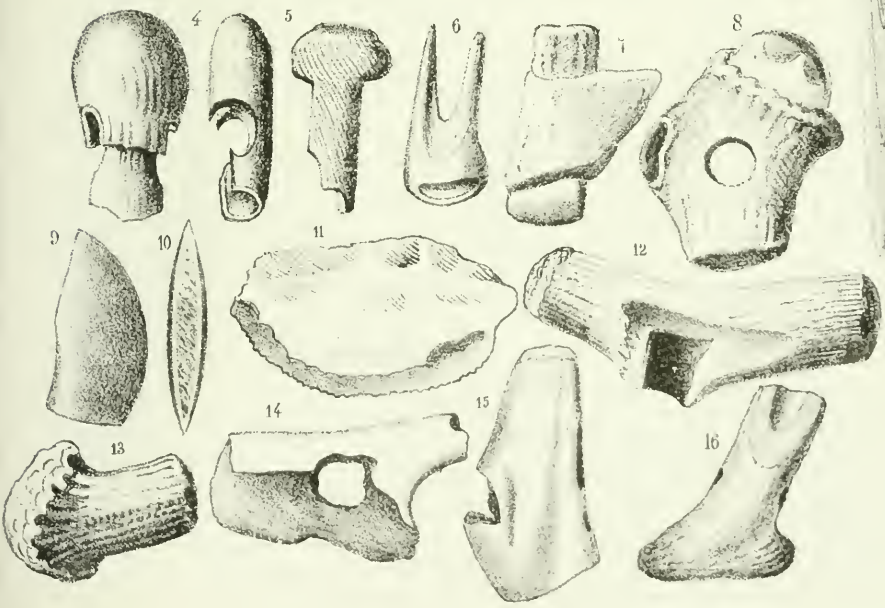
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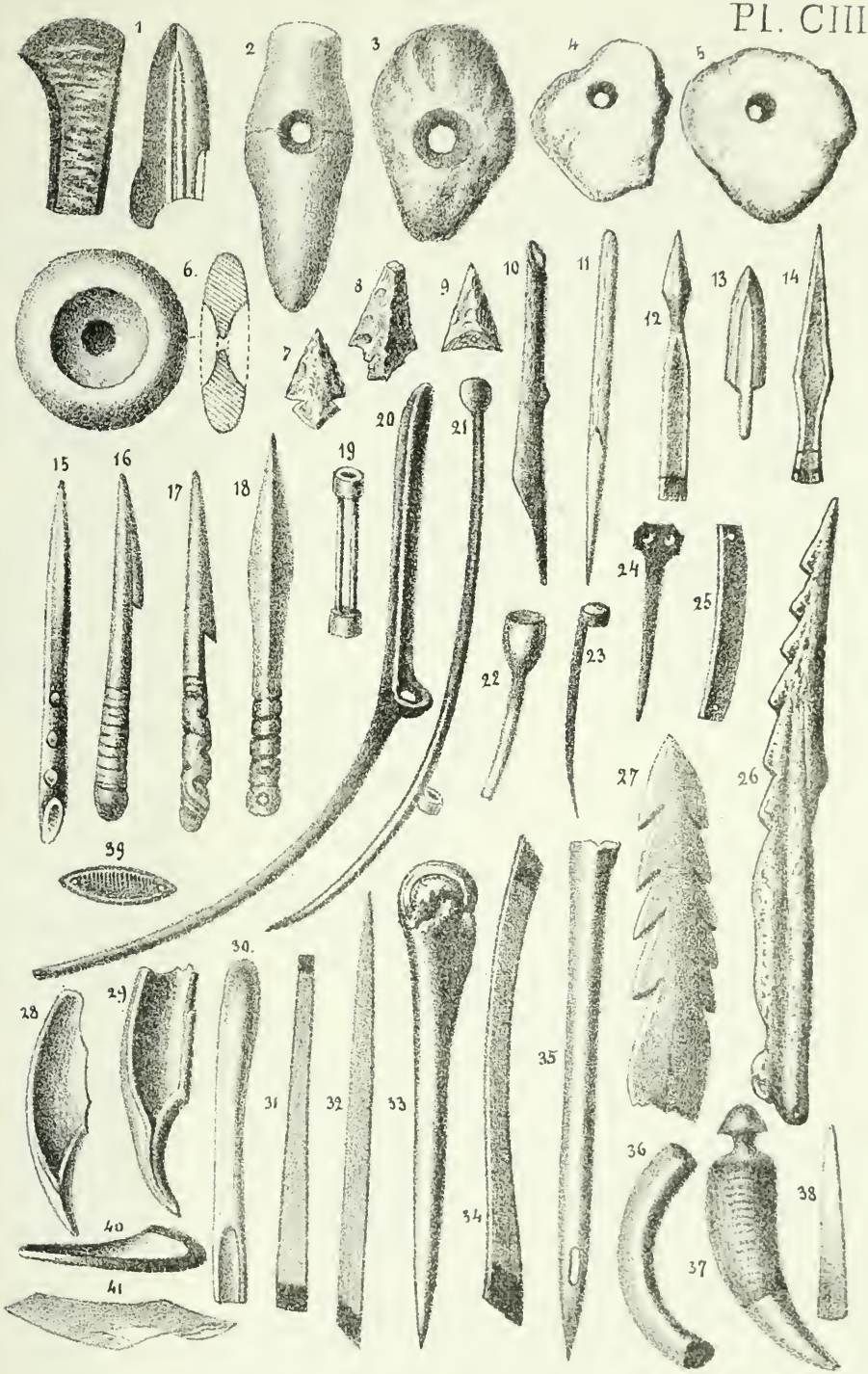
CONCISE &c.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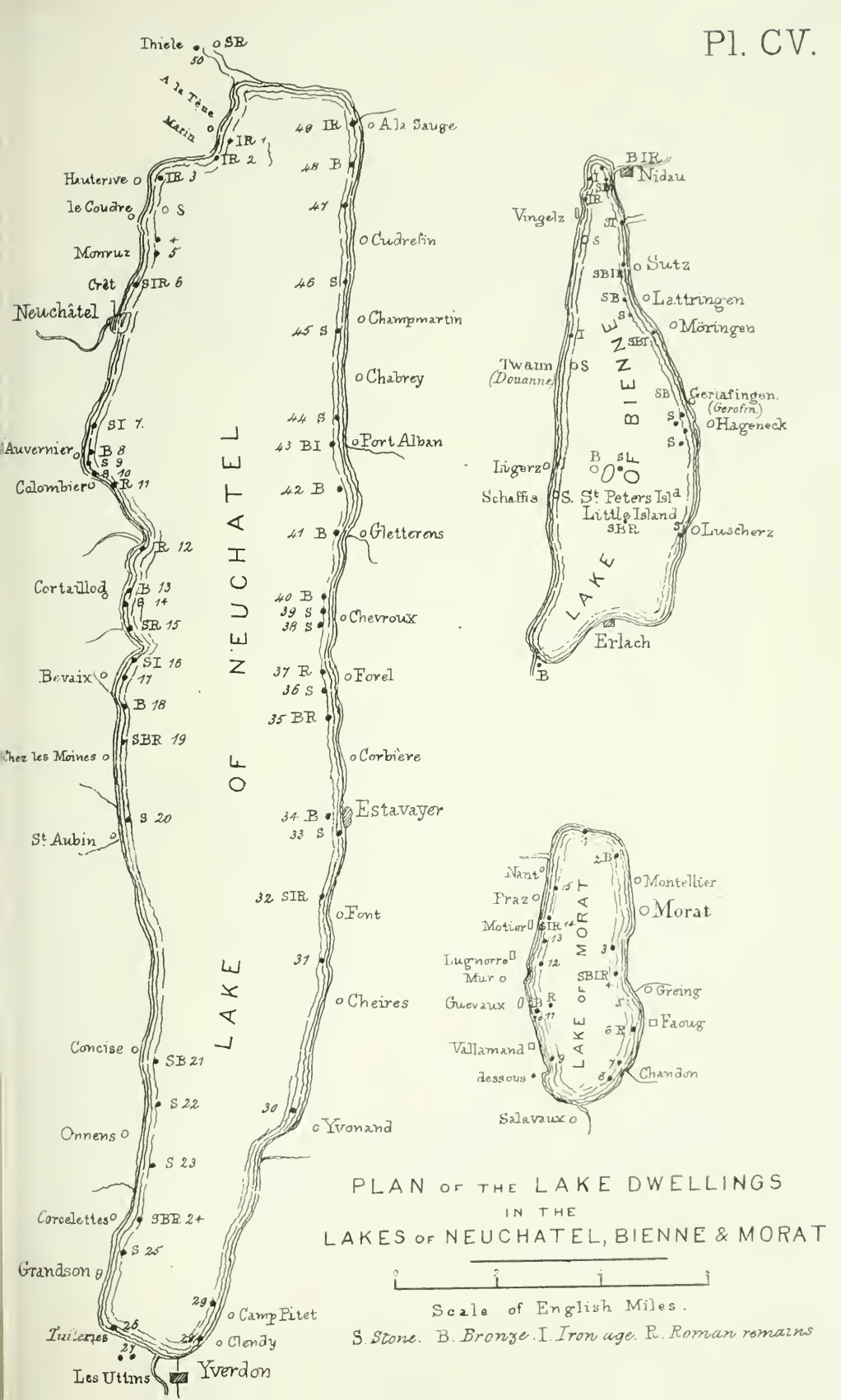
CONCISE &c.

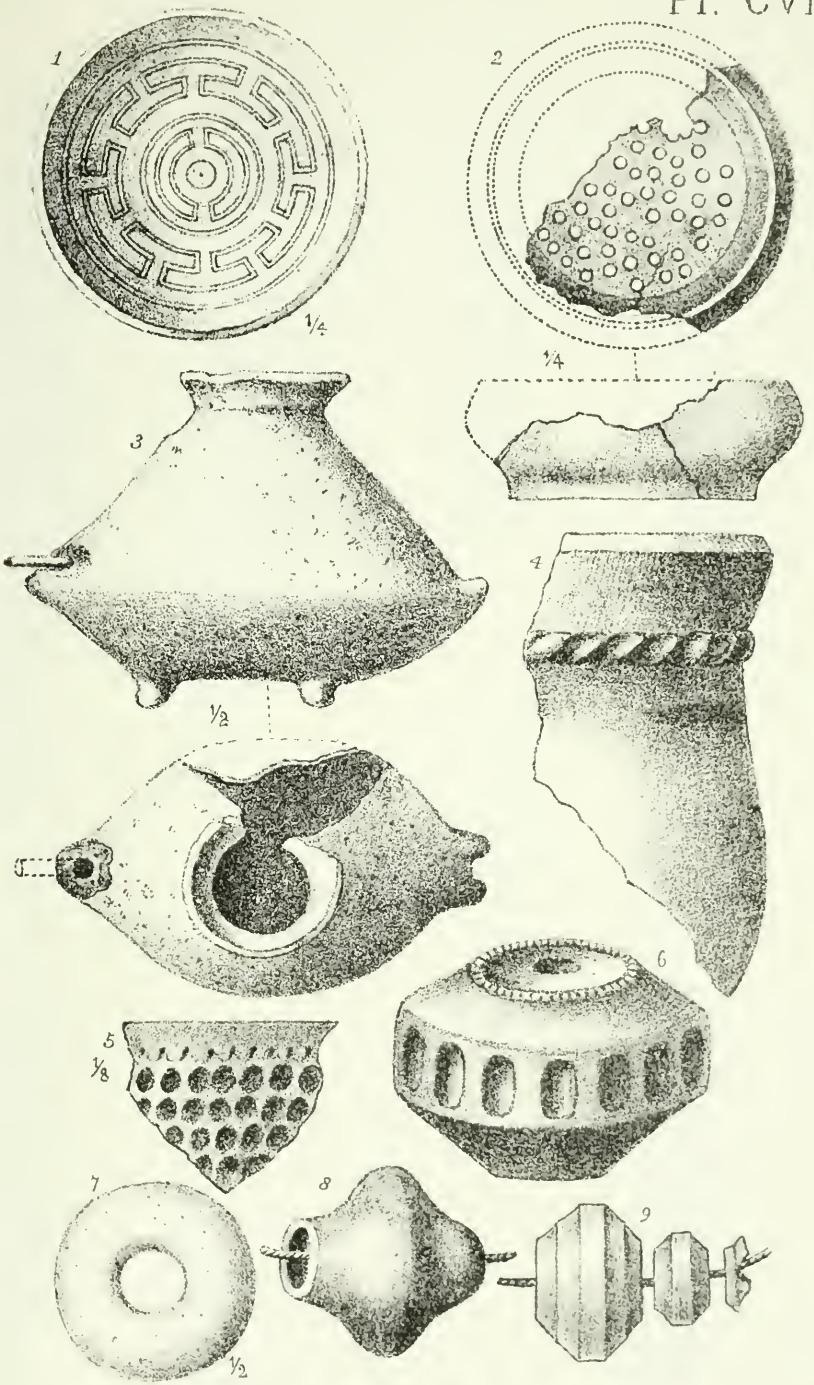
CONCISE &c.



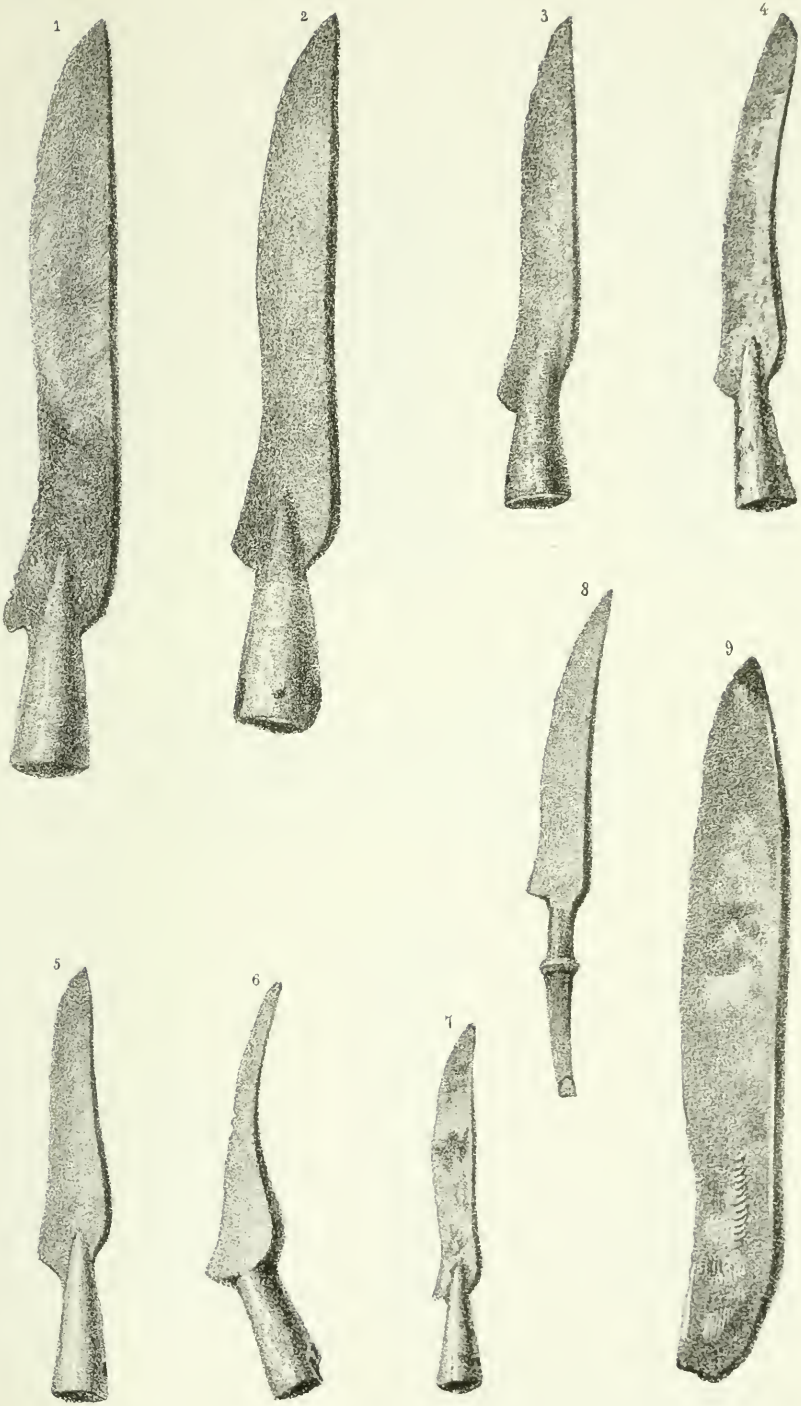
PLAN OF THE LAKE DWELLINGS
IN THE
LAKES OF NEUCHATEL, BIENNE & MORAT

Scale of English Miles.

S. *Stone.* B. *Bronze.* I. *Iron age.* R. *Roman remains*

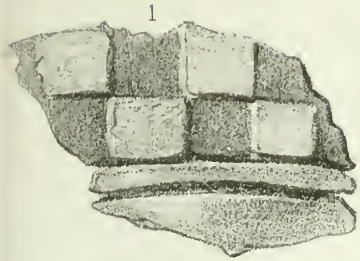


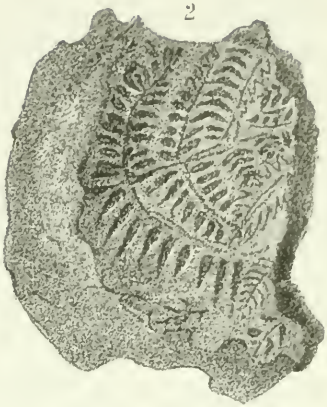
LAKE OF BOURGET.

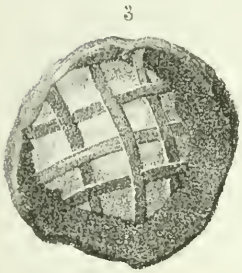


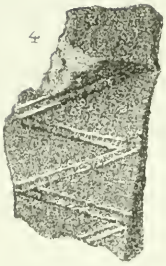
LAKE OF BOURGET. *Bronze.*

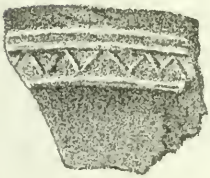
LAKE OF BOURGET. *Bronze.*

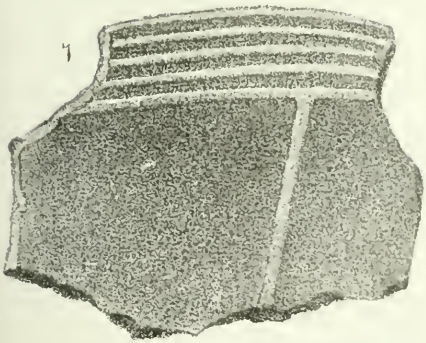




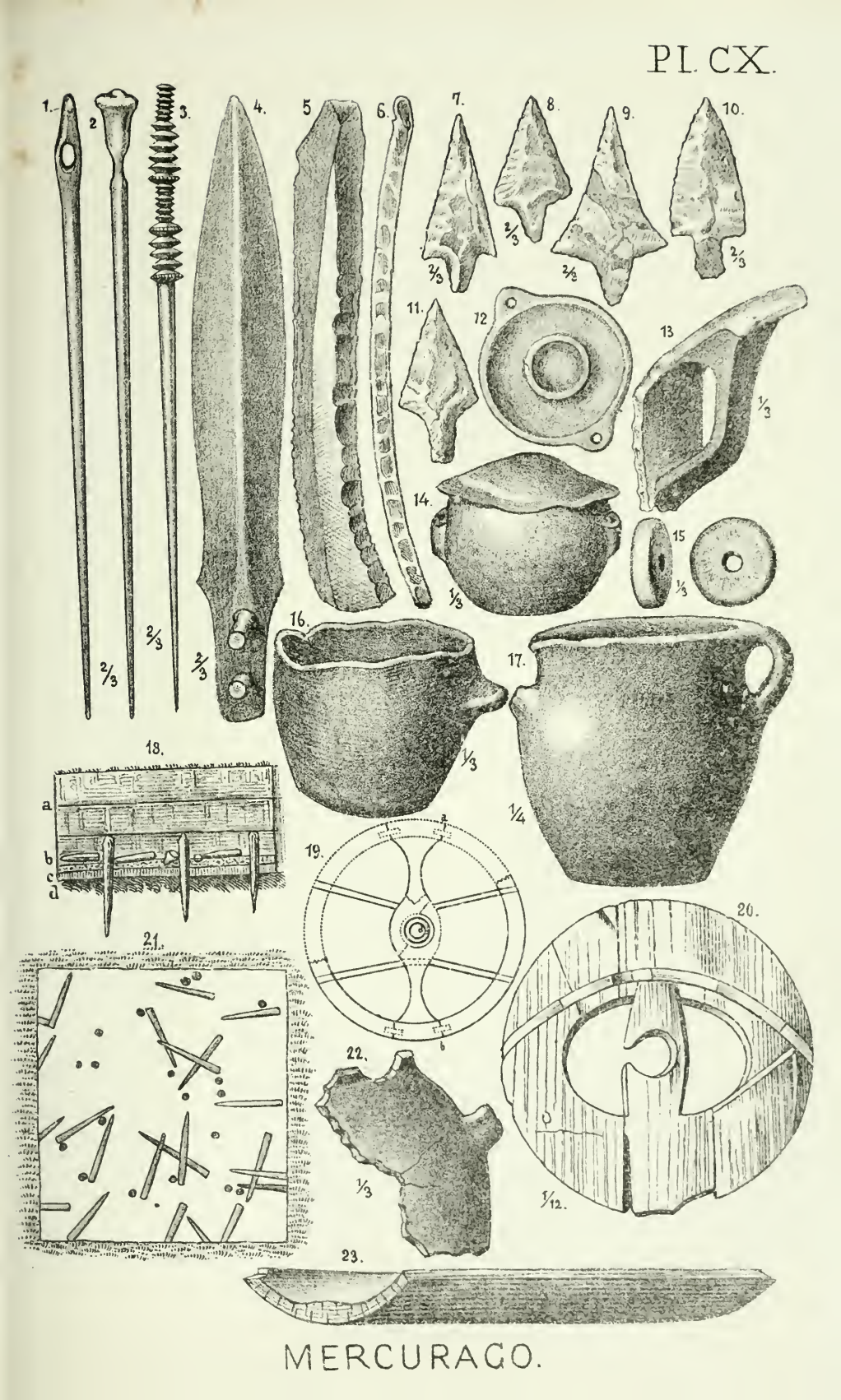








LAKE OF BOURGET. *Pottery.*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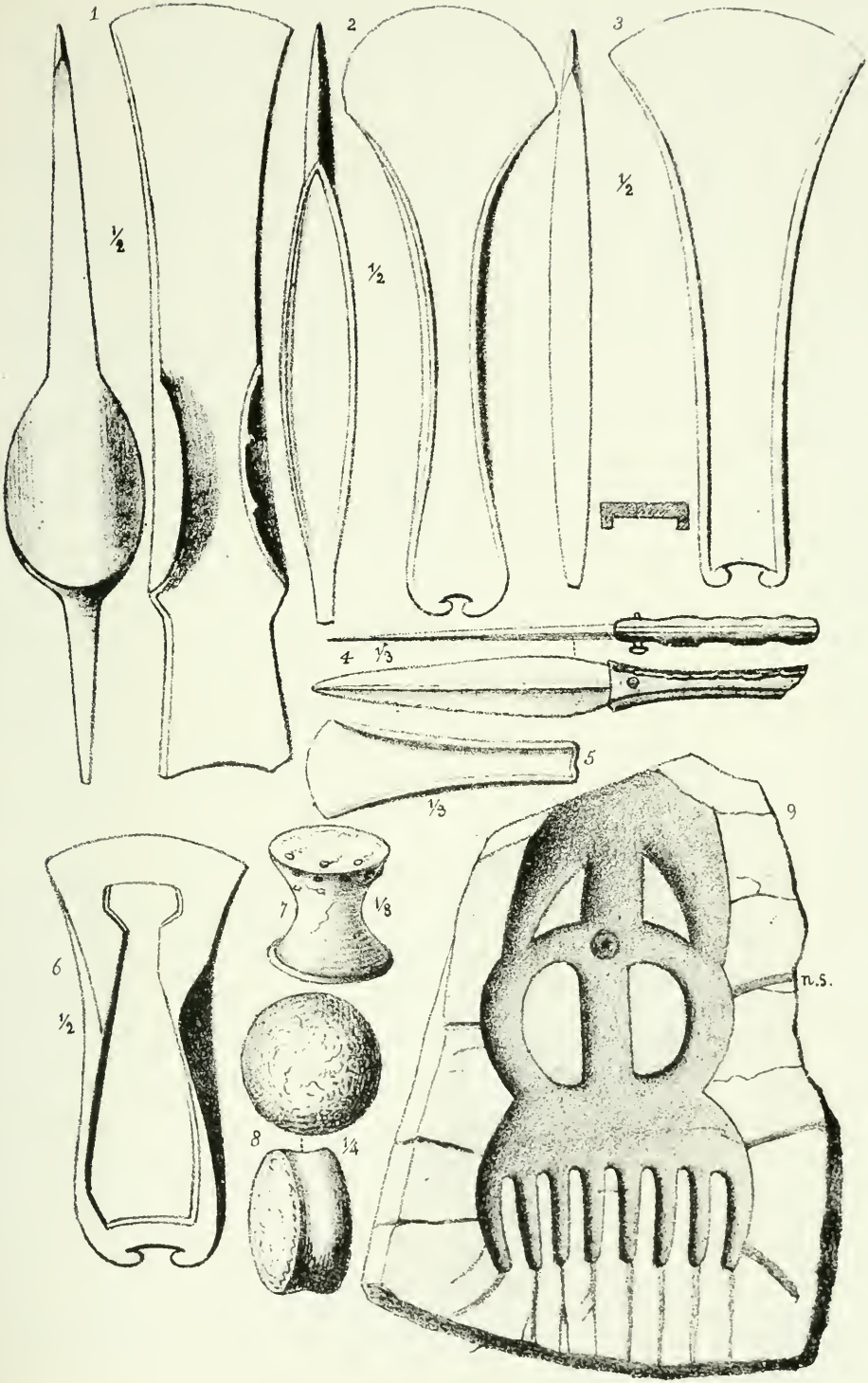
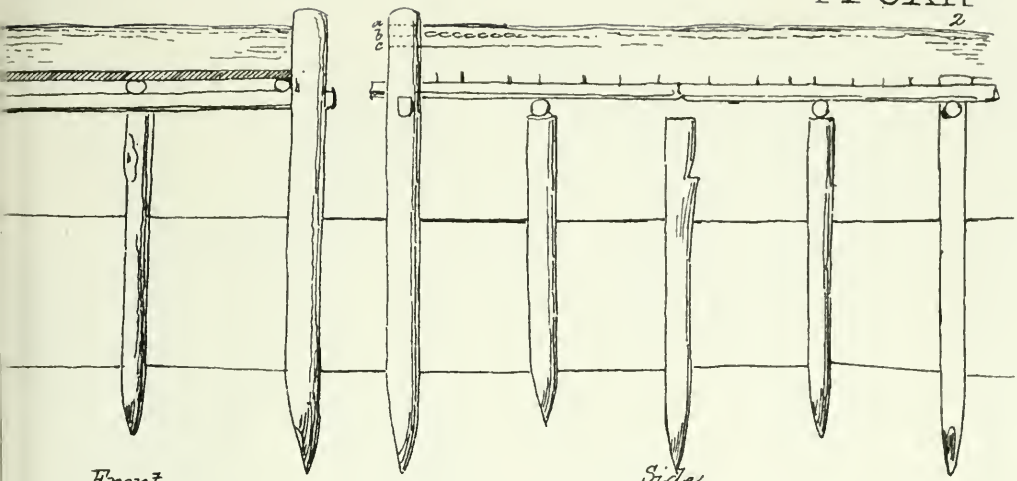
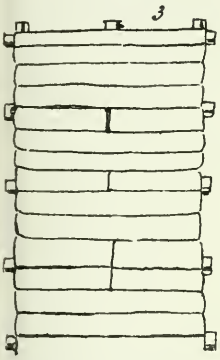
MERCURAGO.

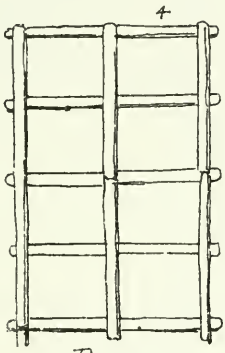


TERRAMARA.



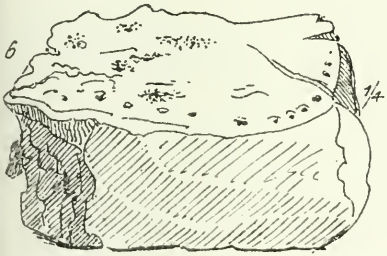


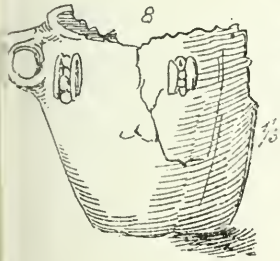
Boards

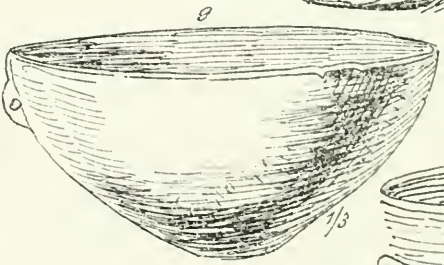


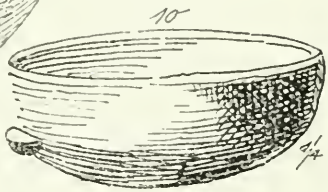
Beams

Piles

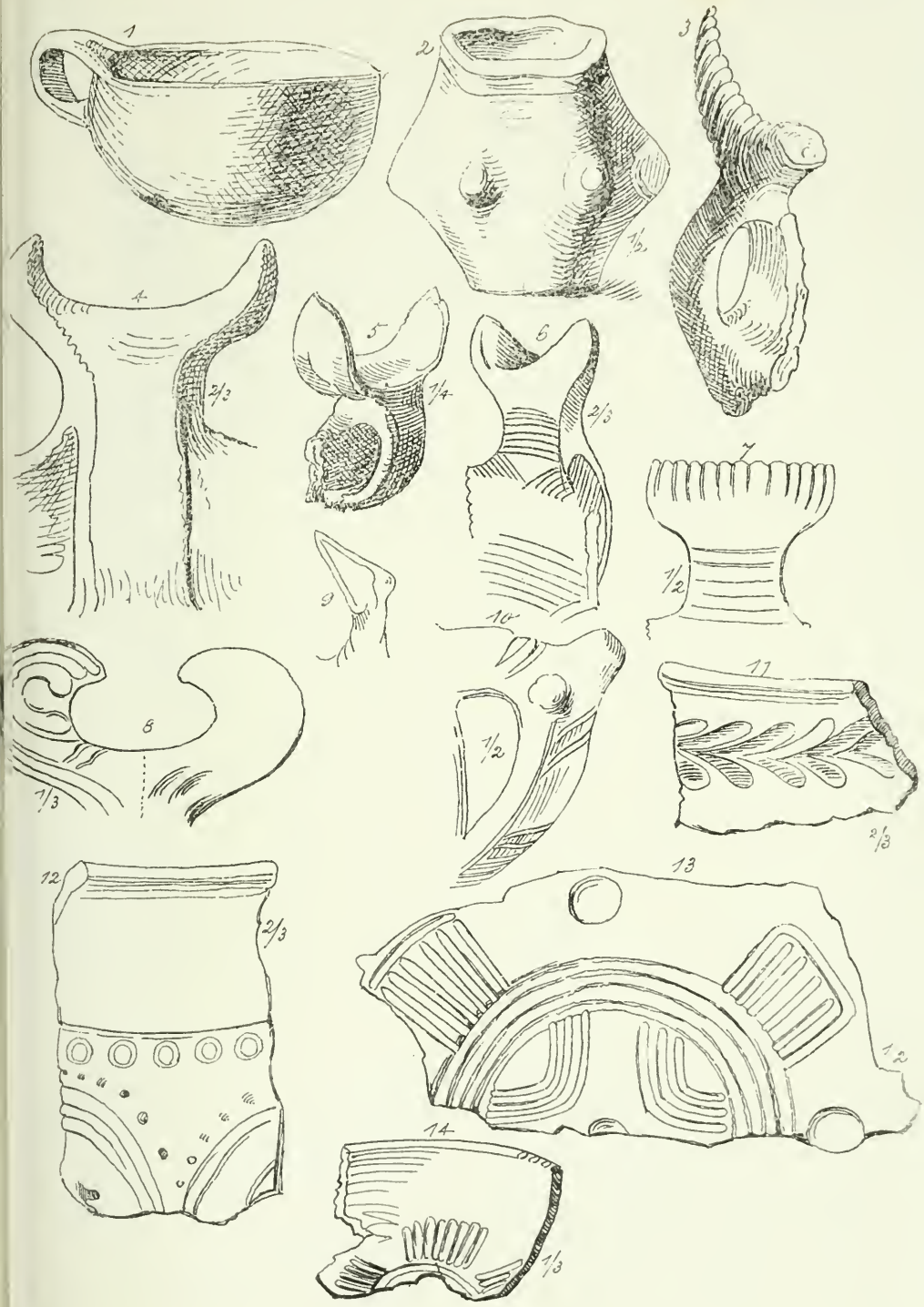








TERRA MARA.



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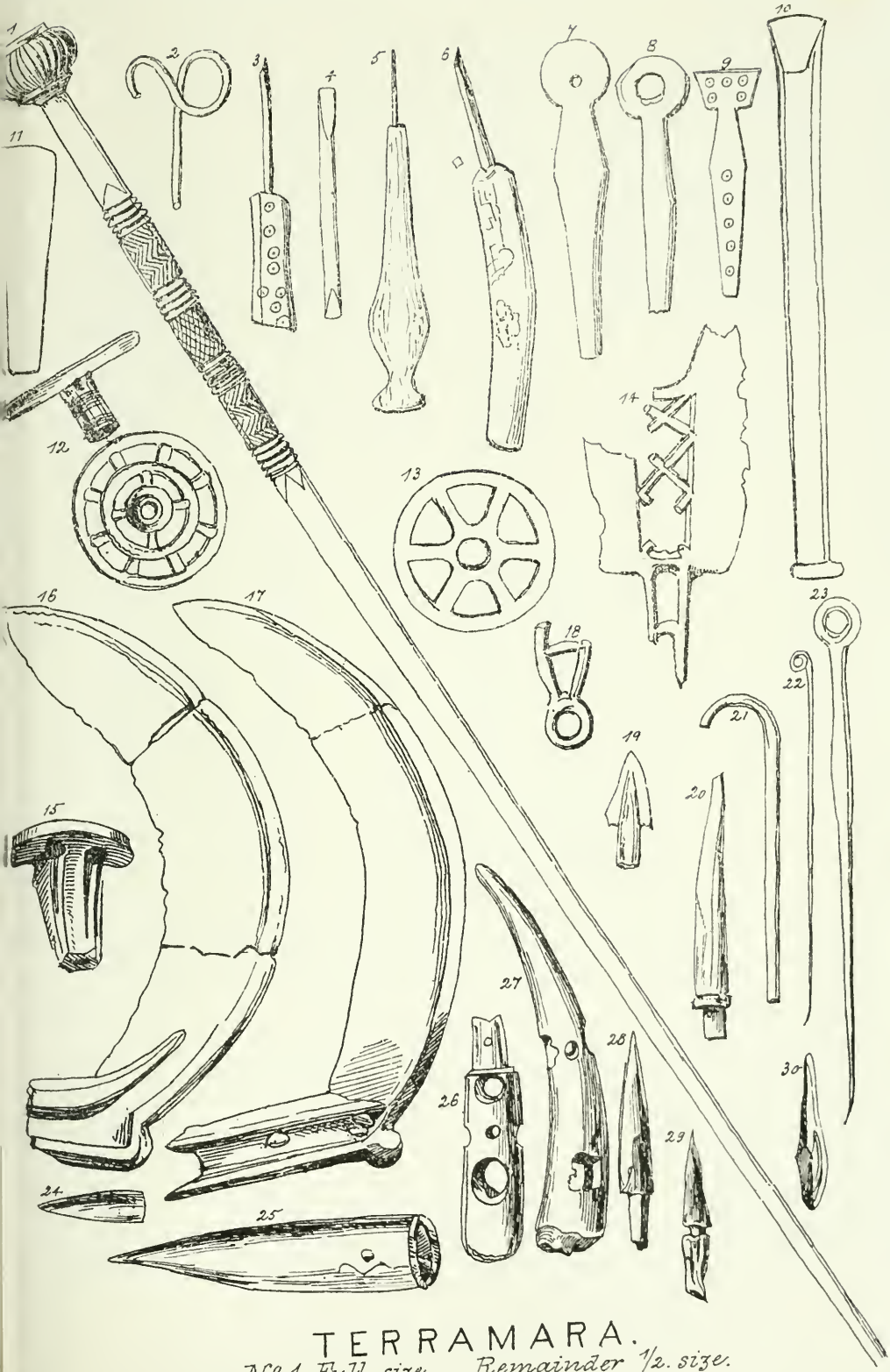
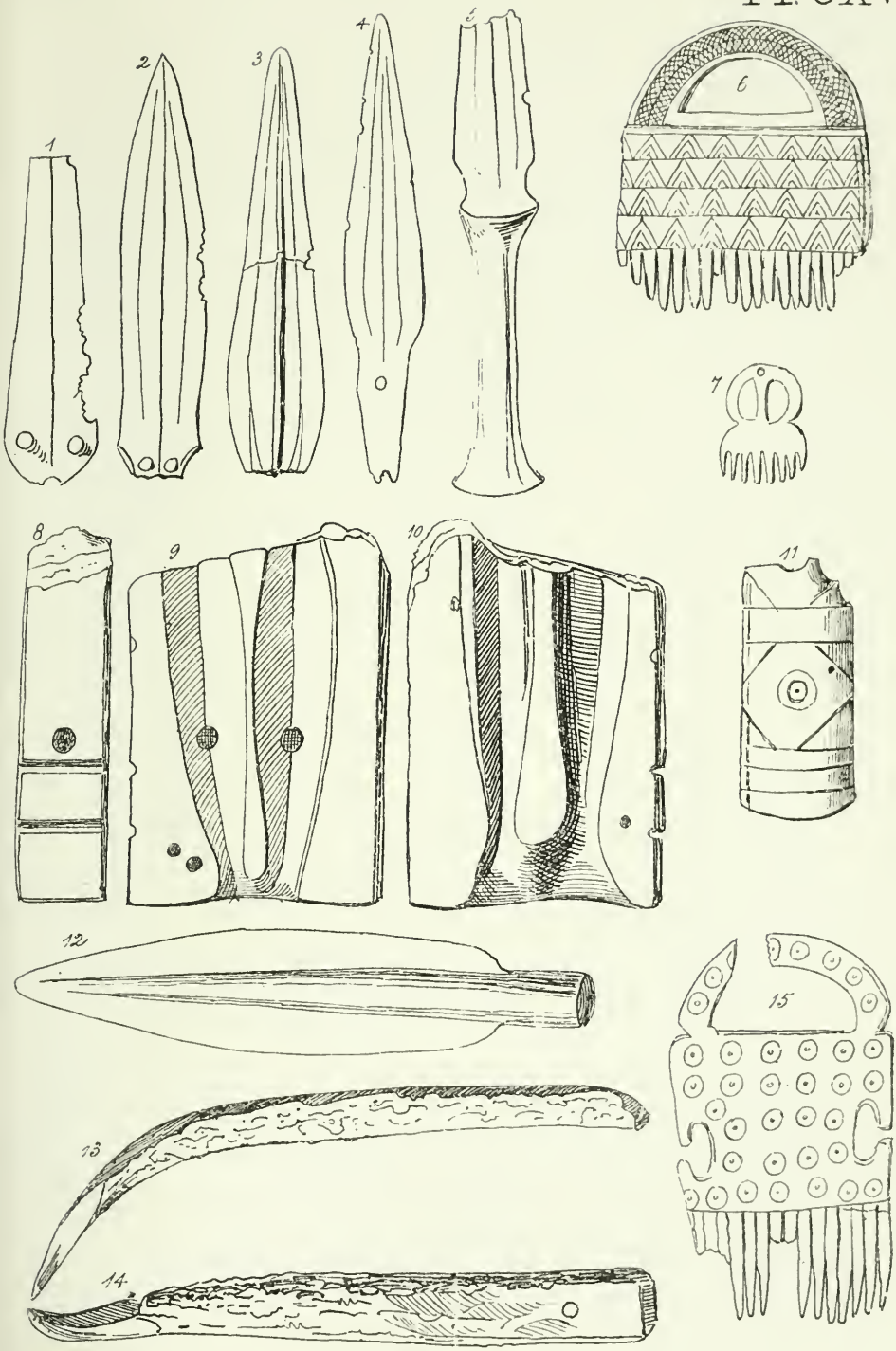


TERRAMARA.

N°. 1. Full size. — Remainder 1/2. size.

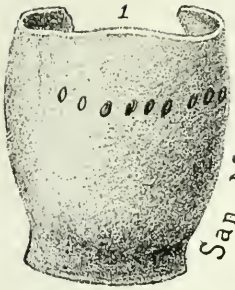


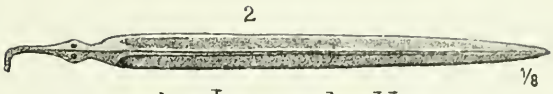
TERRAMARA

Figs 10 & 12 Full size. 11 1/3. Remr. 1/2

TERRAMARA.

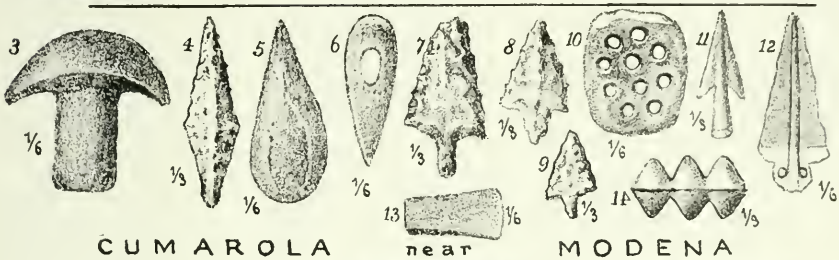
FOR COMPARISON





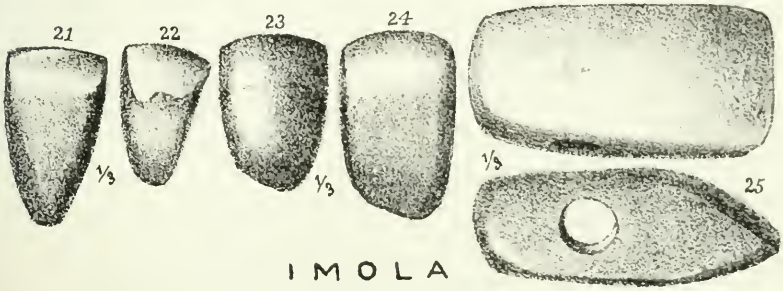
near the Lago di Viverone

IVREA

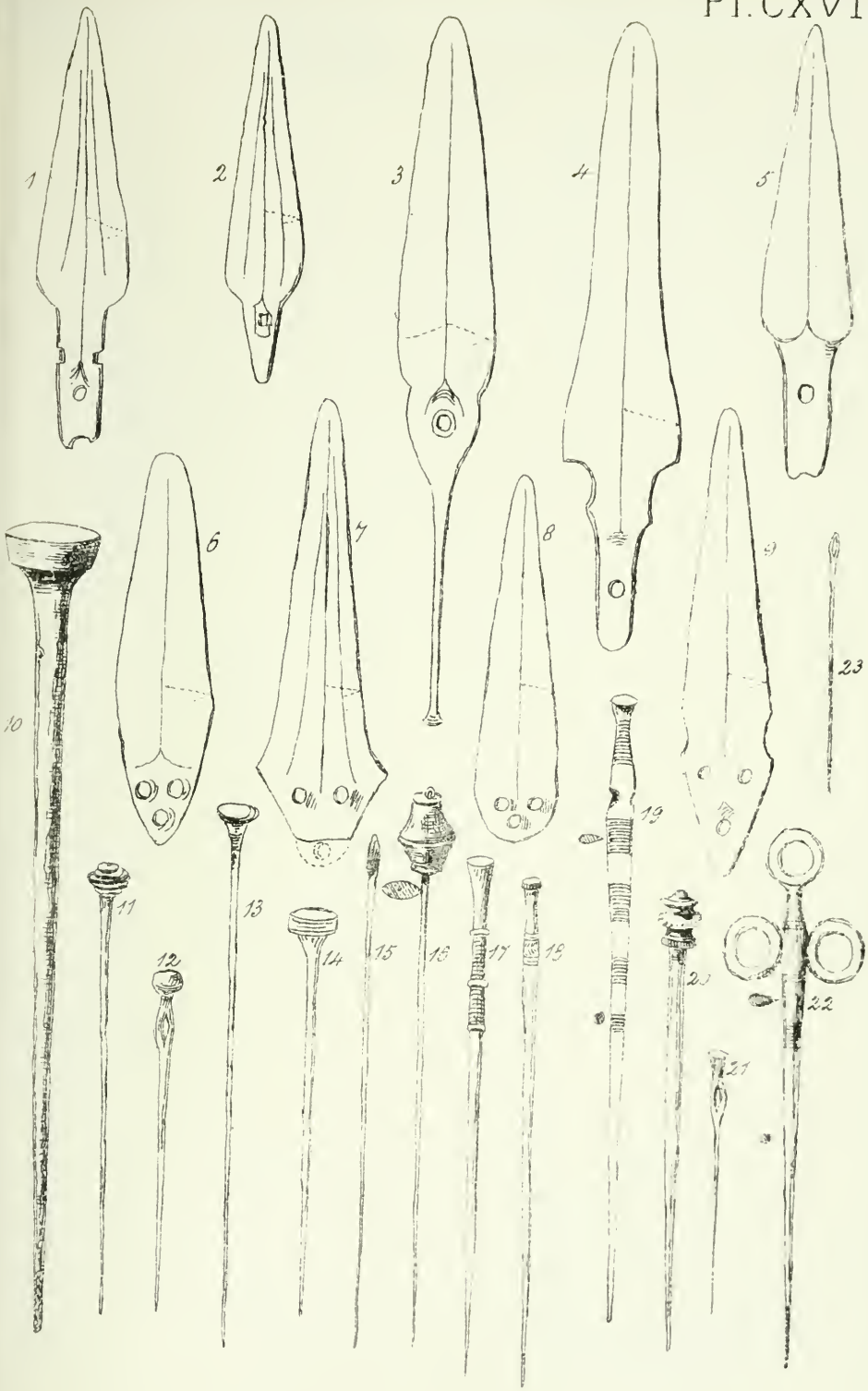


CUMAROLA near MODENA

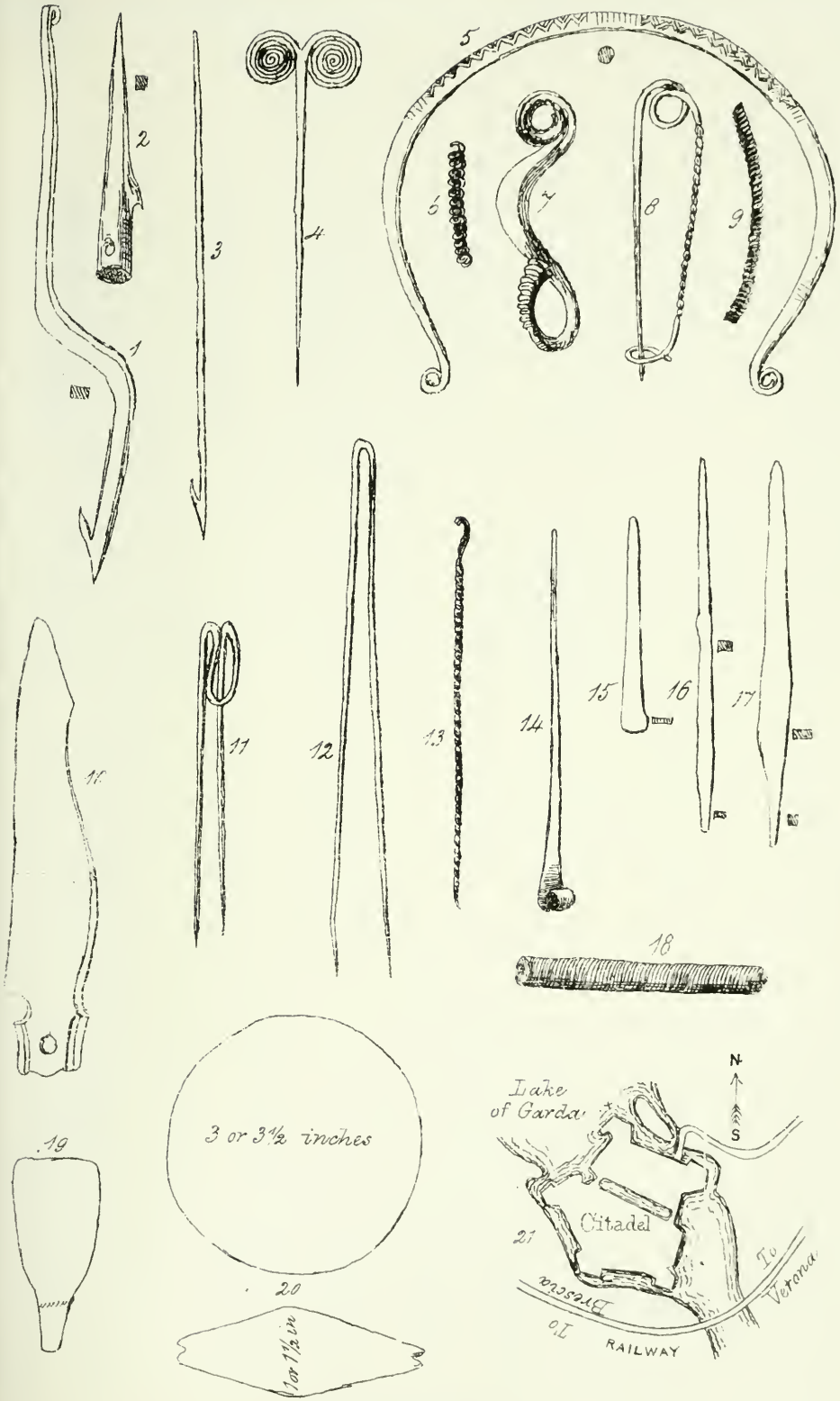
SESTO CALENDE



IMOLA



PESCHIERA. *Bronze*
ONE HALF SIZE.

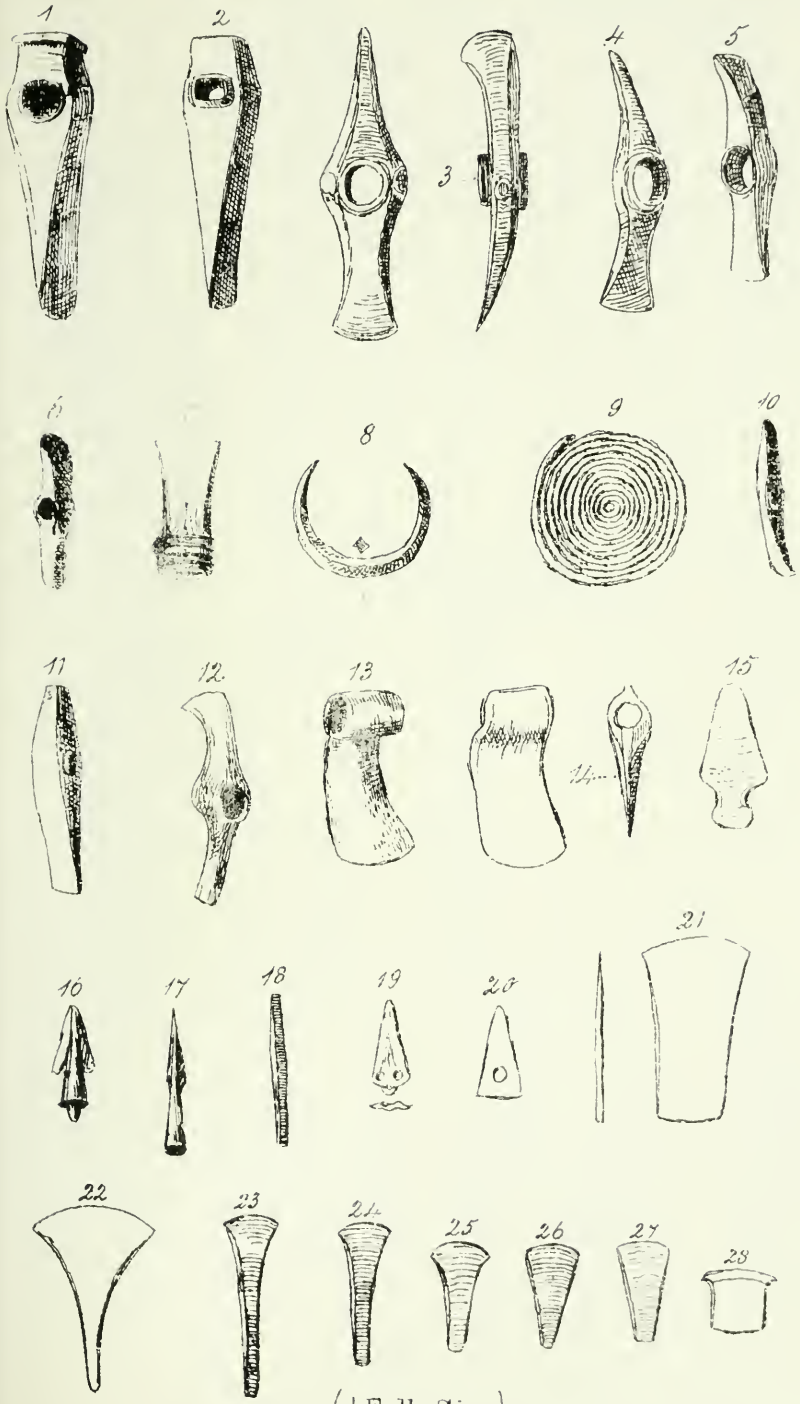


PESCHIERA.

Bronze. Copper. Stone:- Fig: 1. to 20. half Size.

FOR COMPARISON.

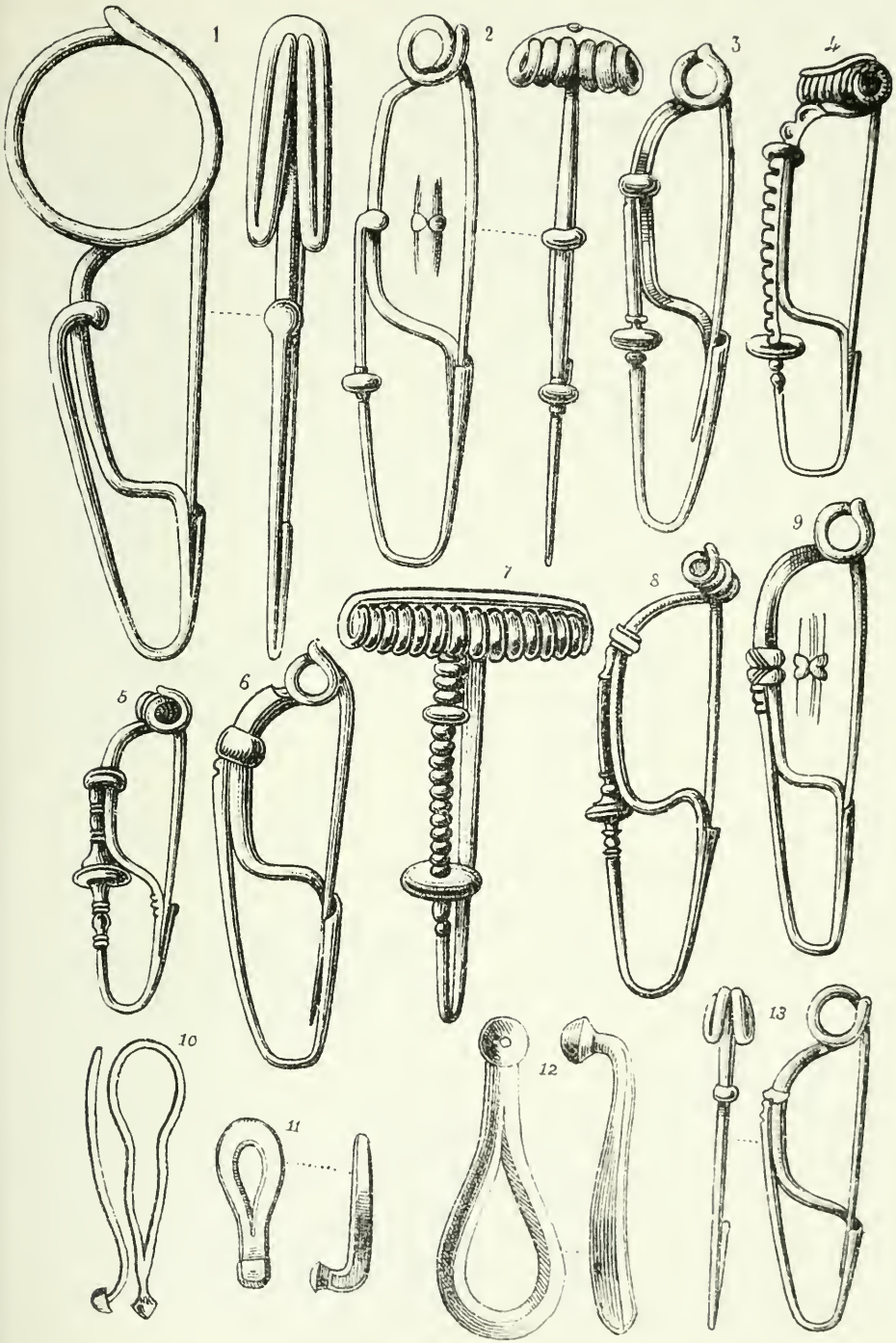
Pl. CXX.



(½ Full Size)

IMPLEMENTS OF COPPER FROM HUNGARY.

MAINLAND.



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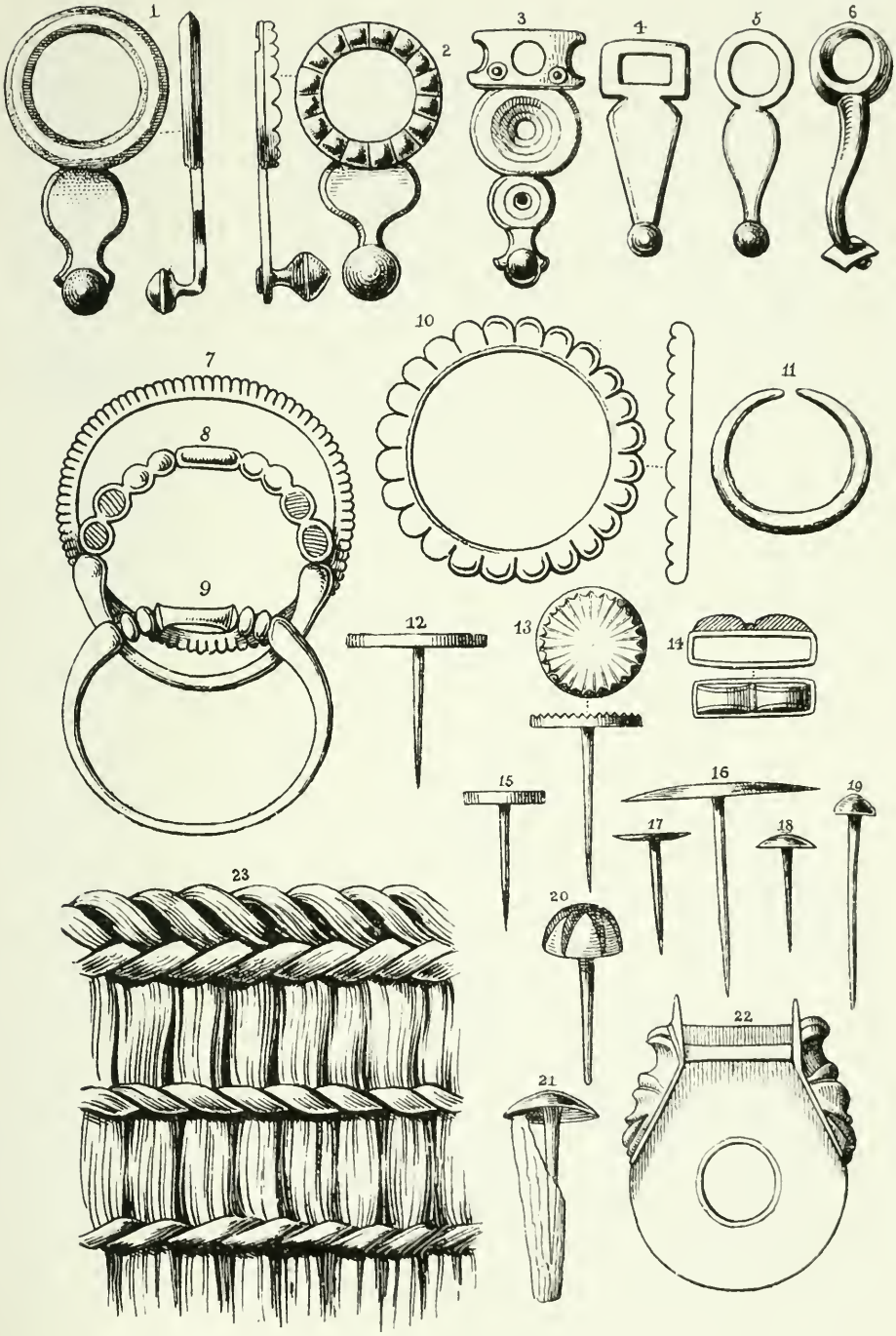
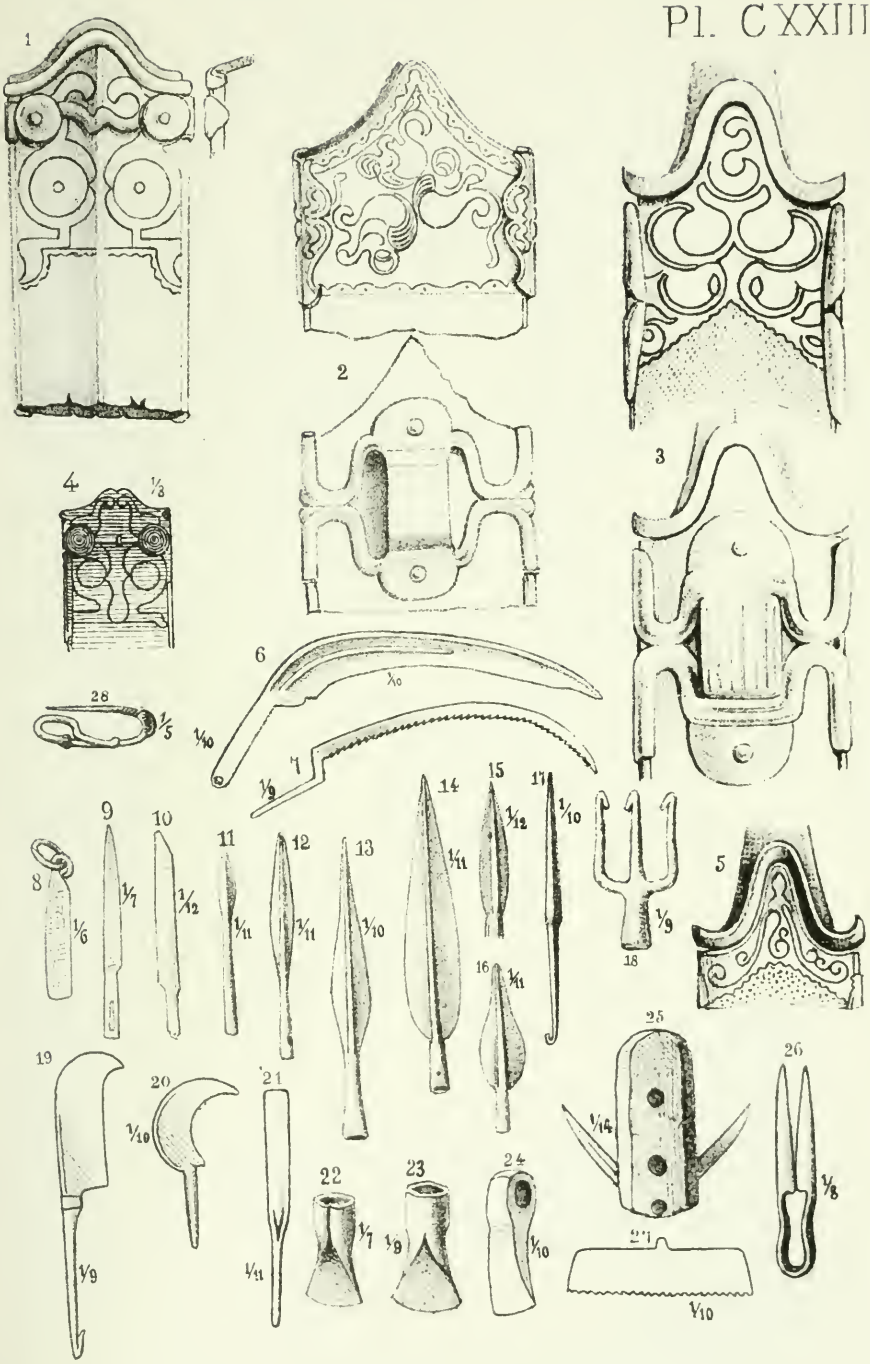


MARIN.

Fig 22 Full size–Rem. ⅔ size.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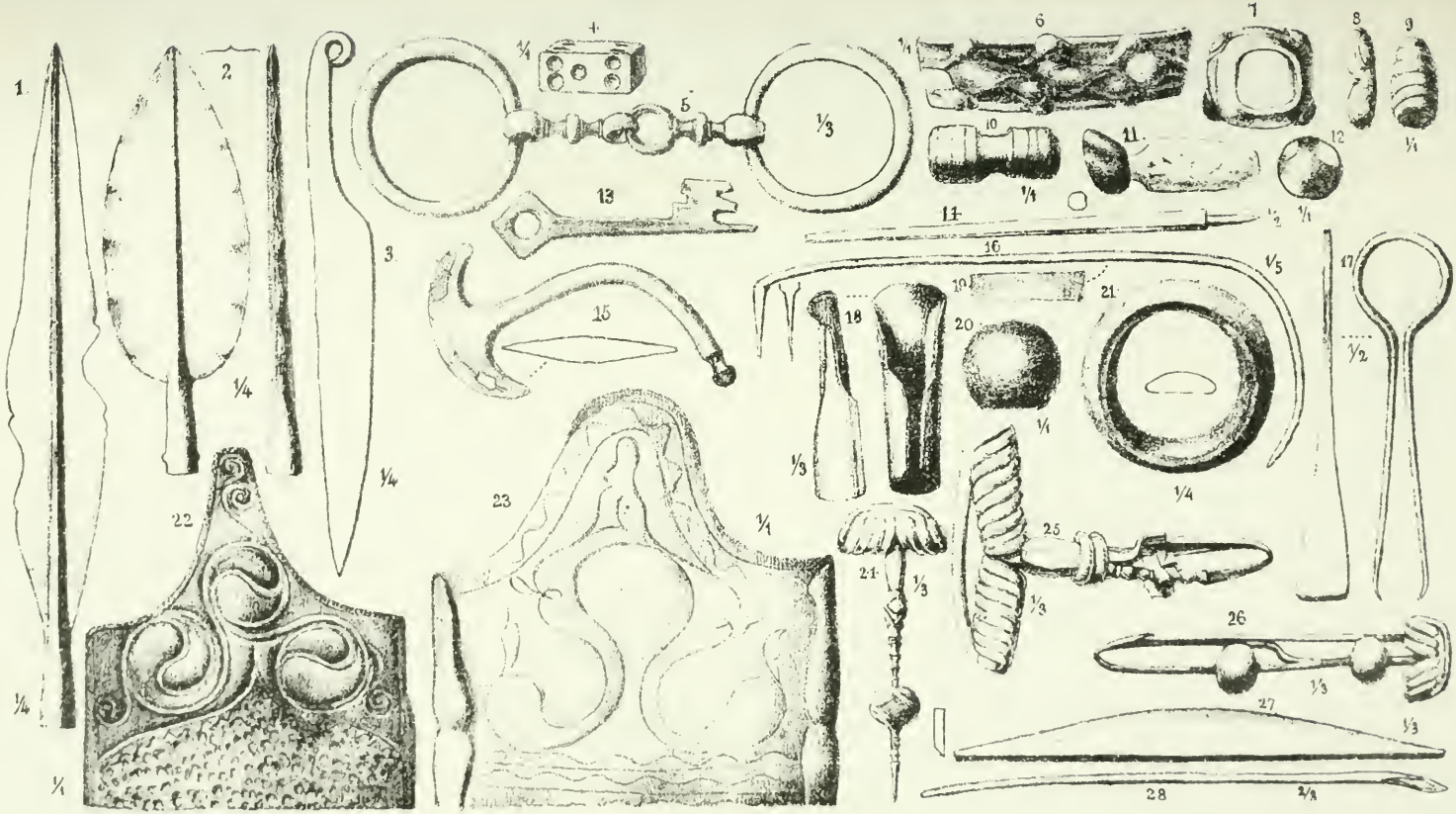
MARIN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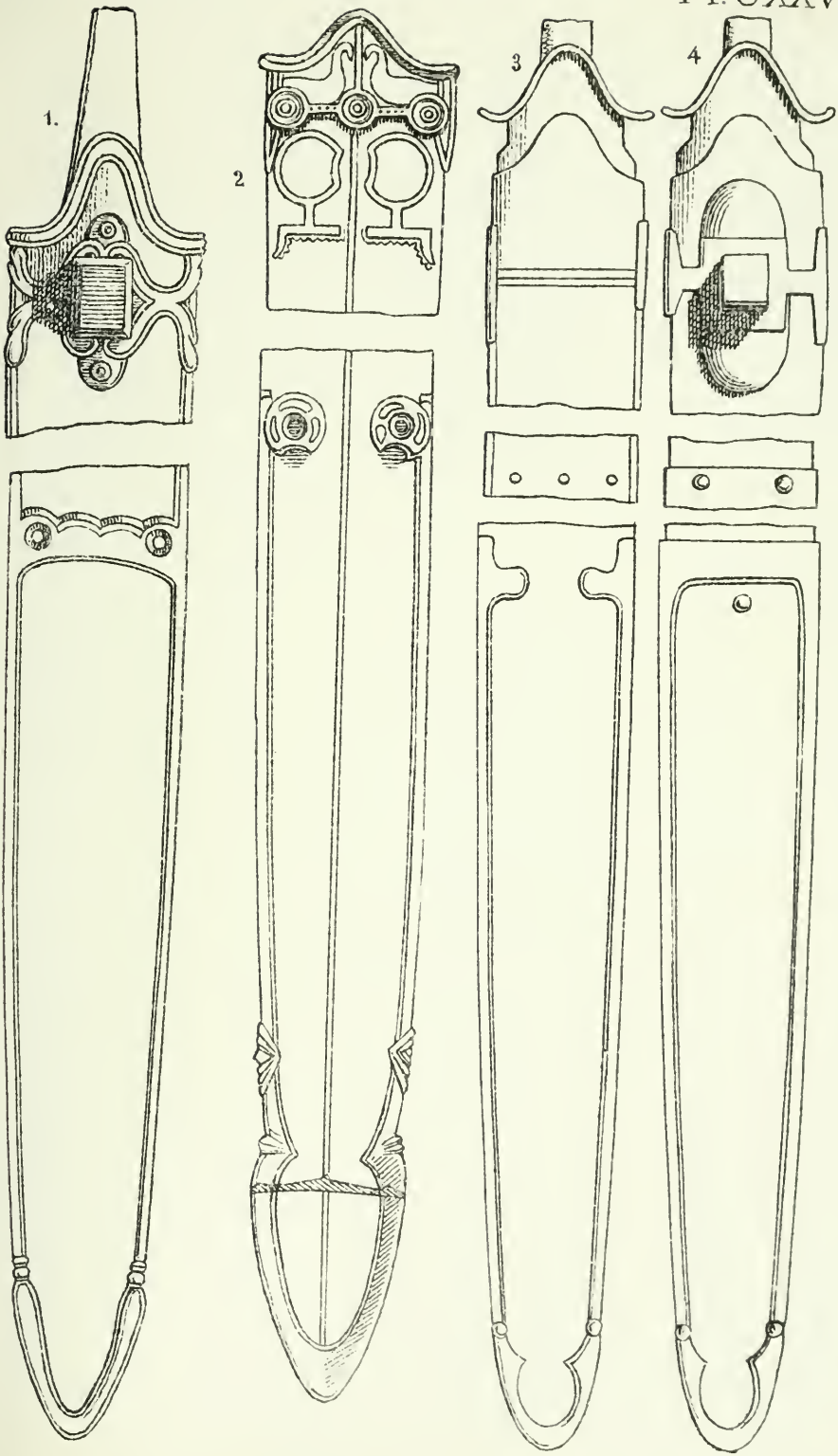
MARIN &c.



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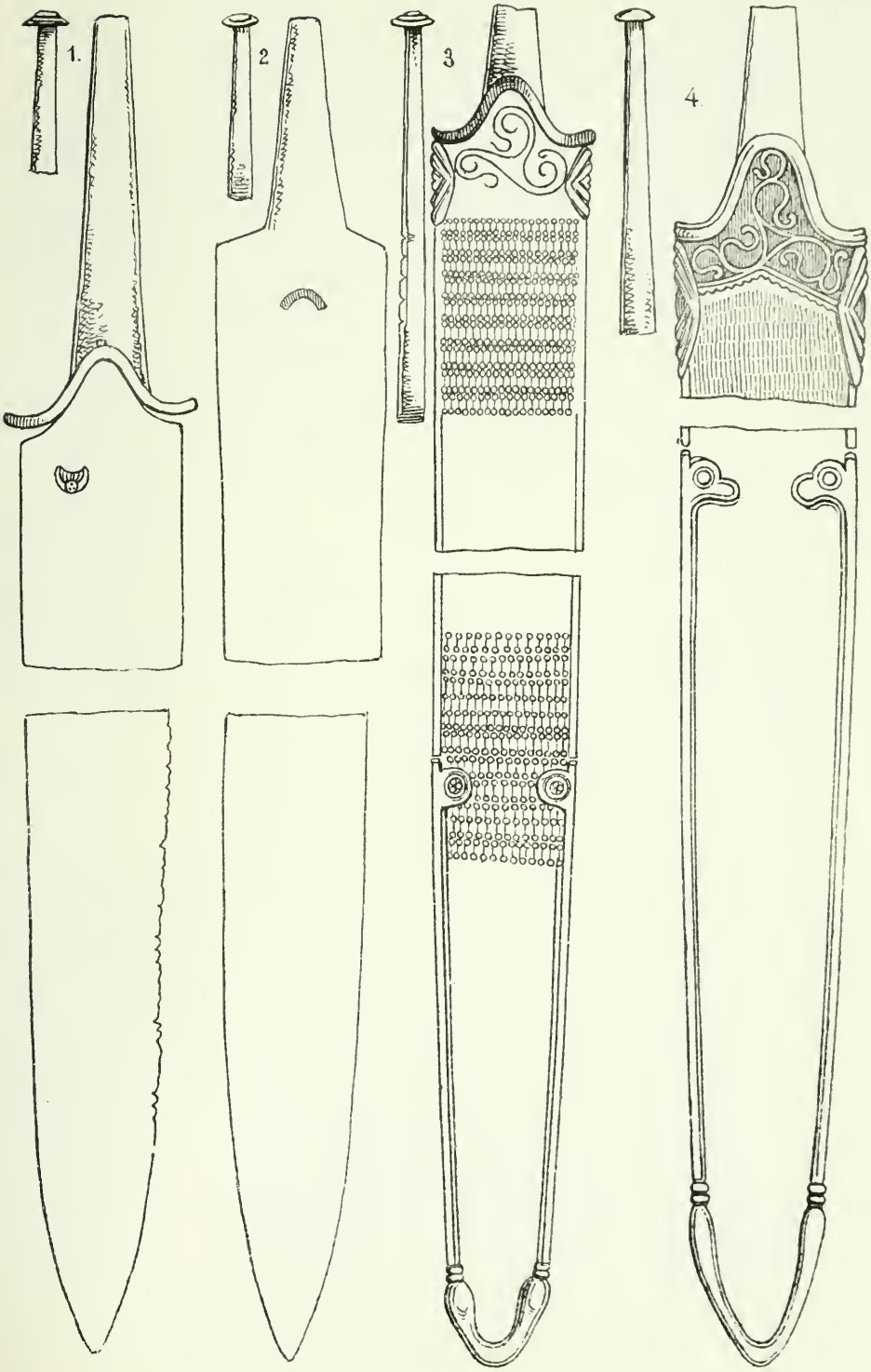

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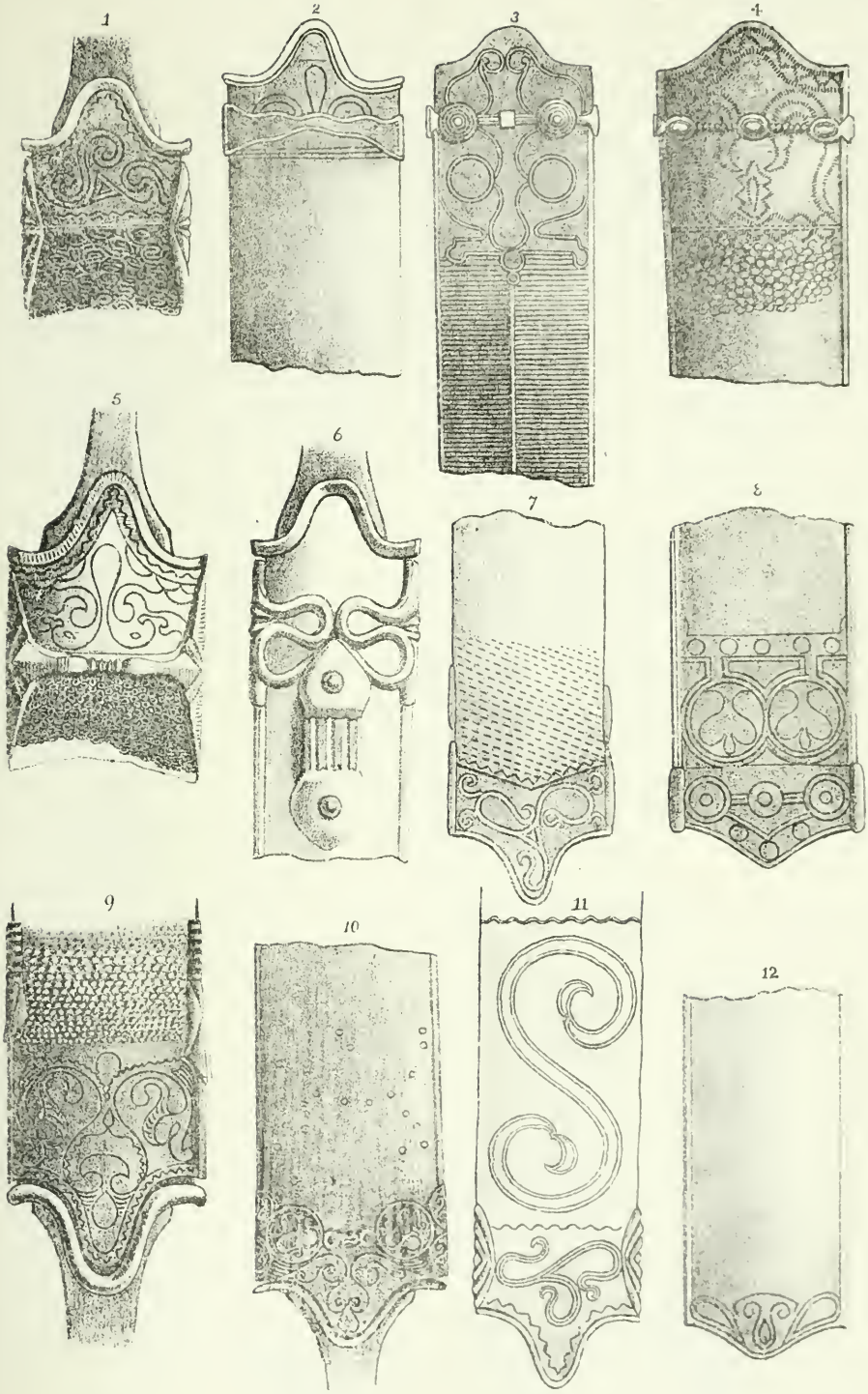

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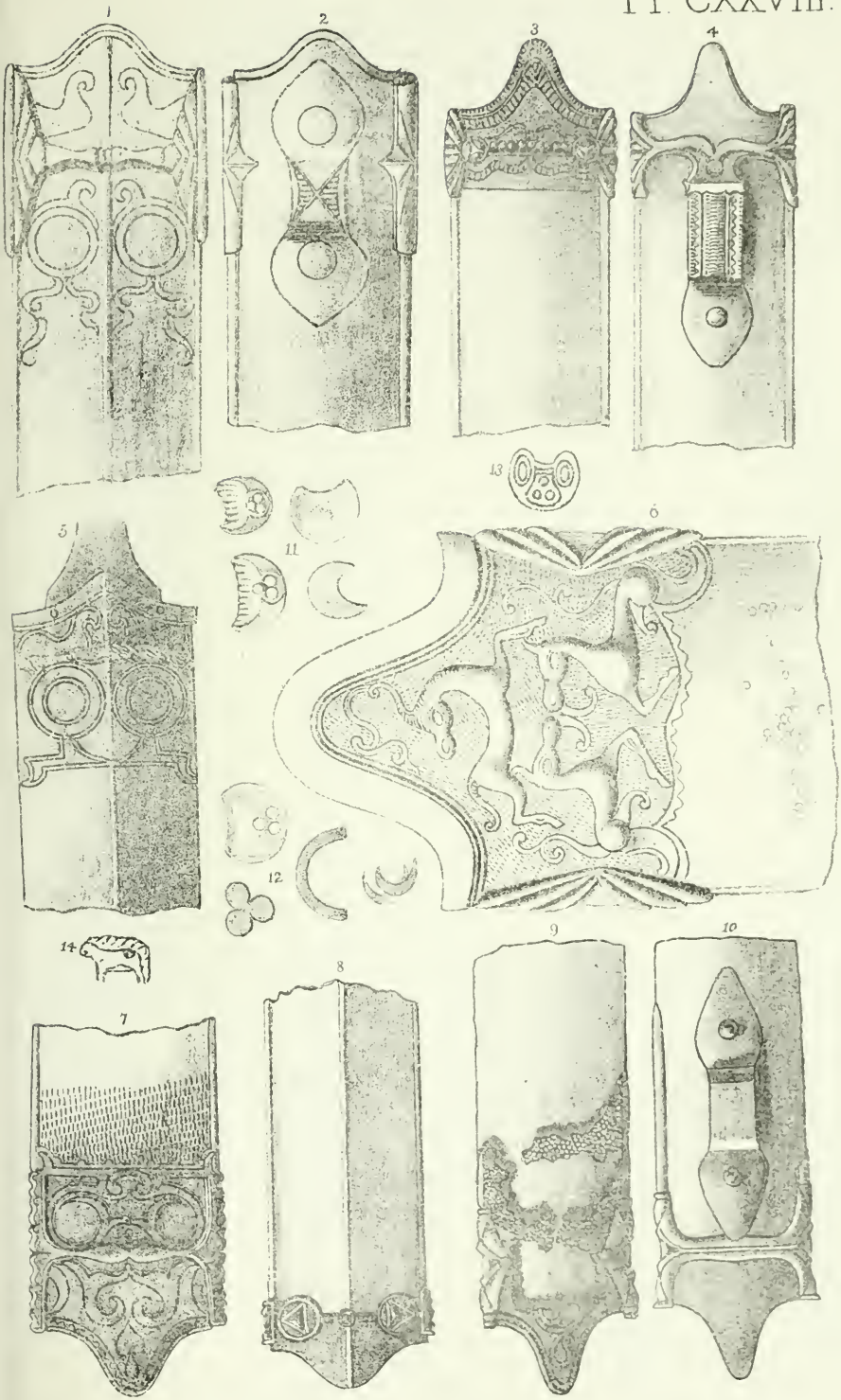

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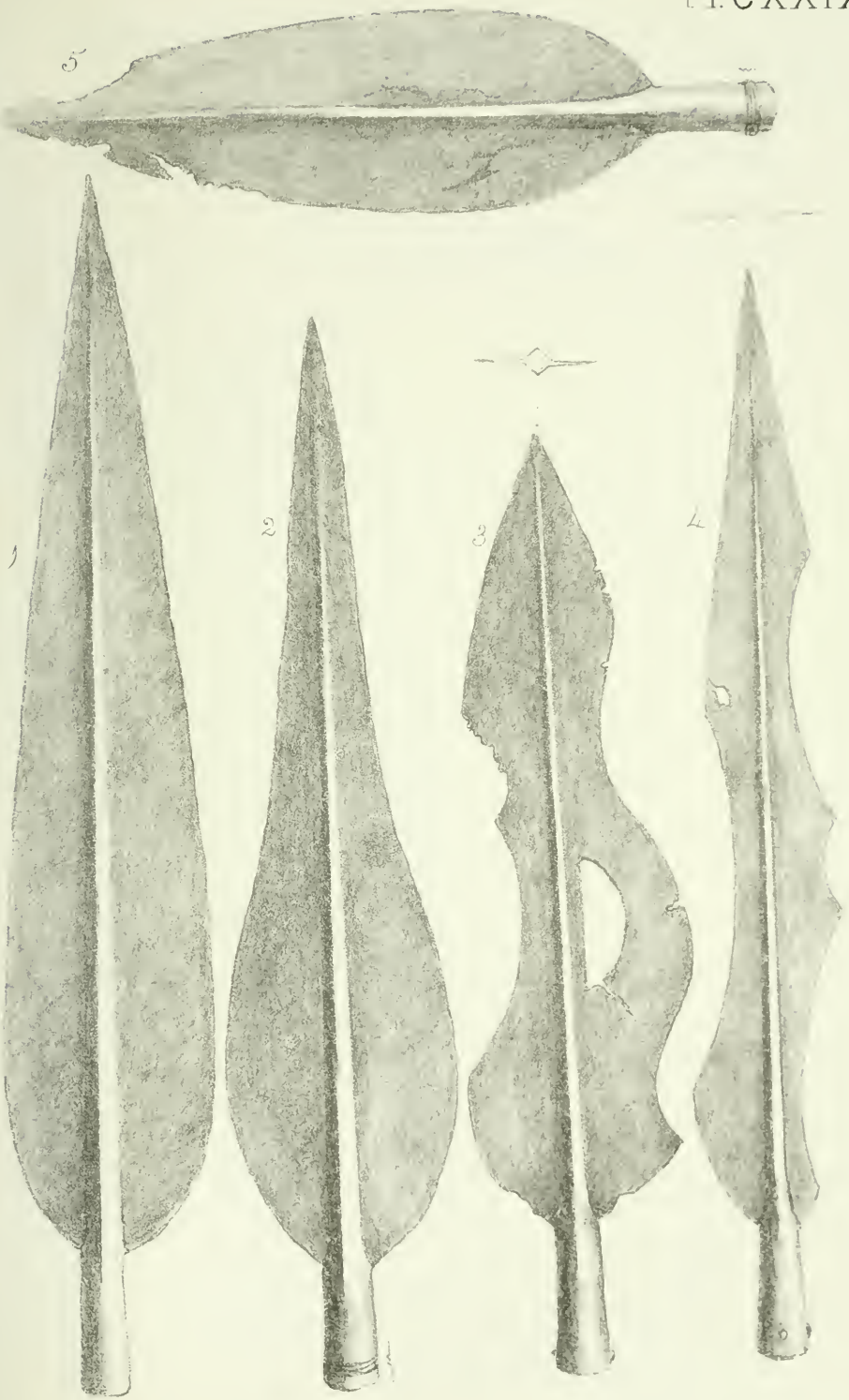
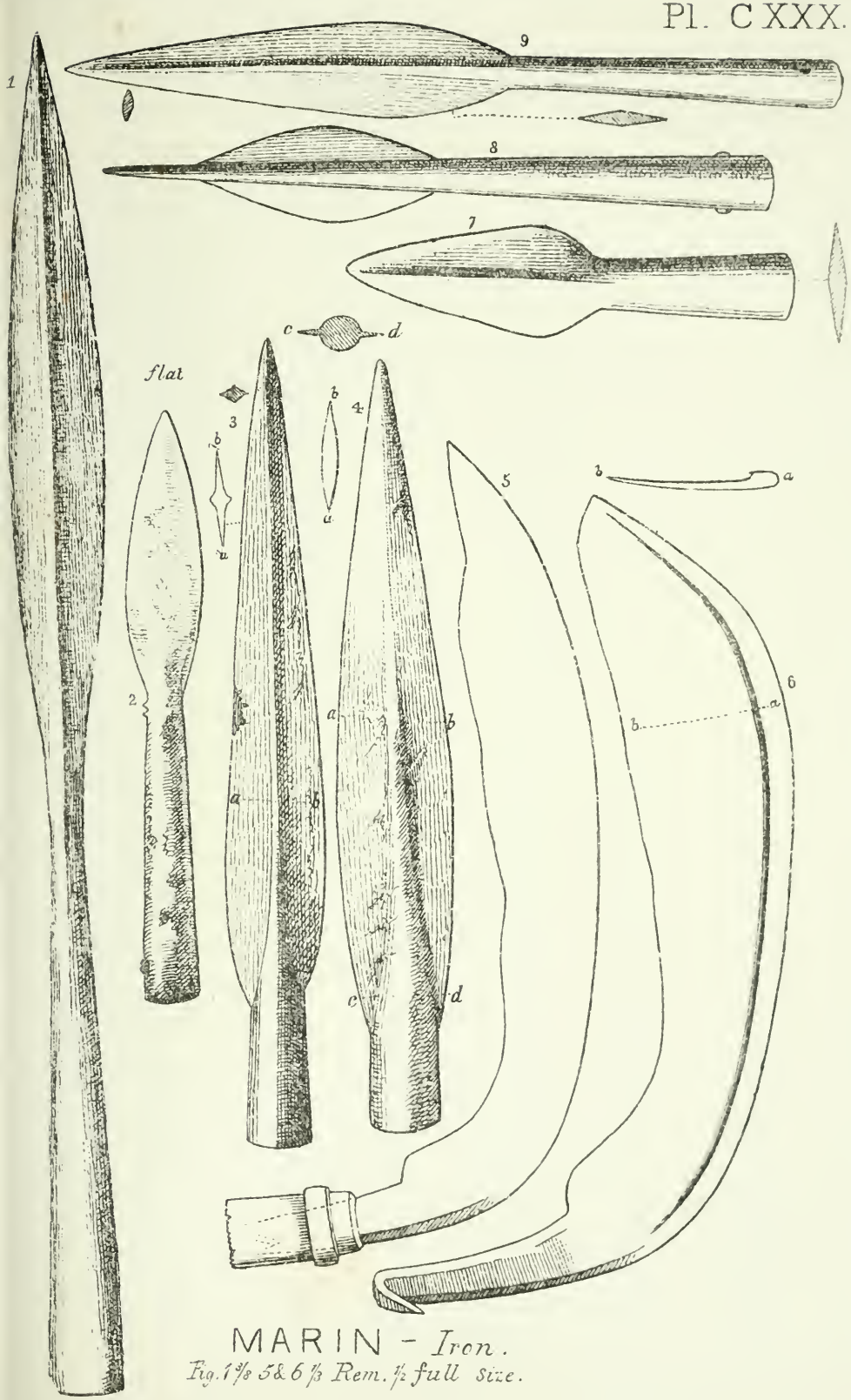
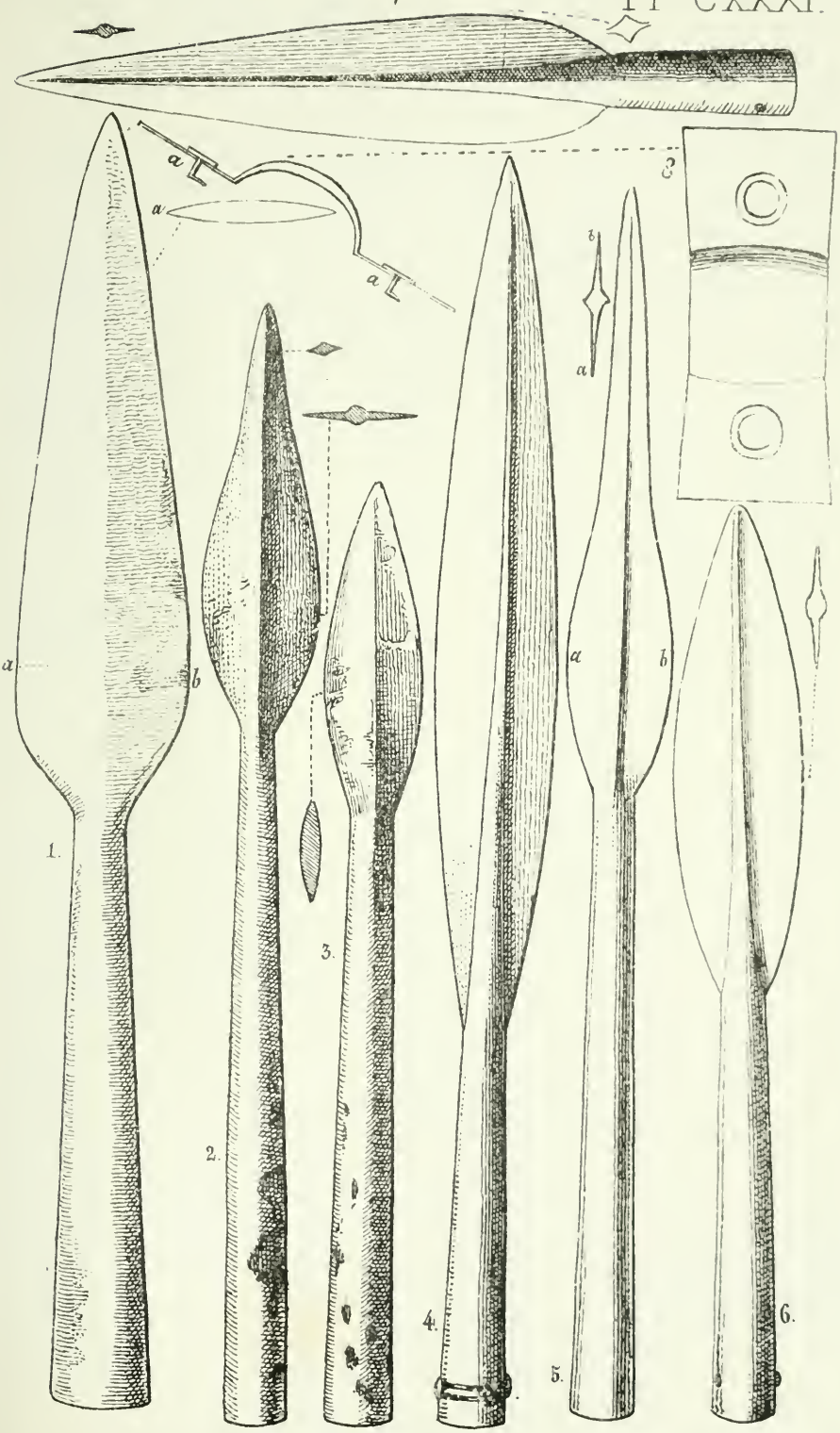


MARIN. — *Iron all ½ full size.*

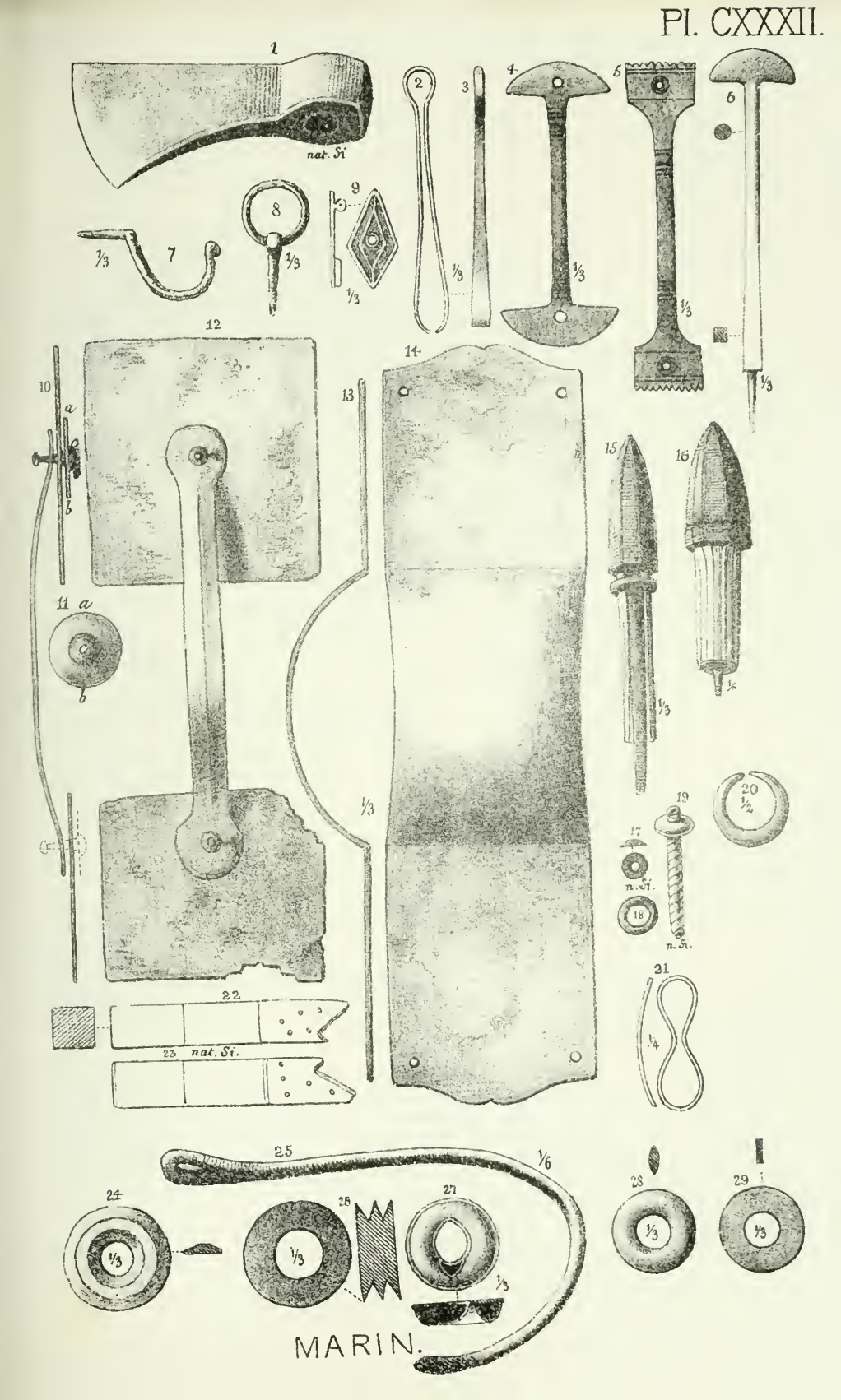


MARIN - *Iron.*

Fig. 1 1/8 5 & 6 1/3 Rem. 1/2 full size.



MARIN *Iron.* ½ *Size.*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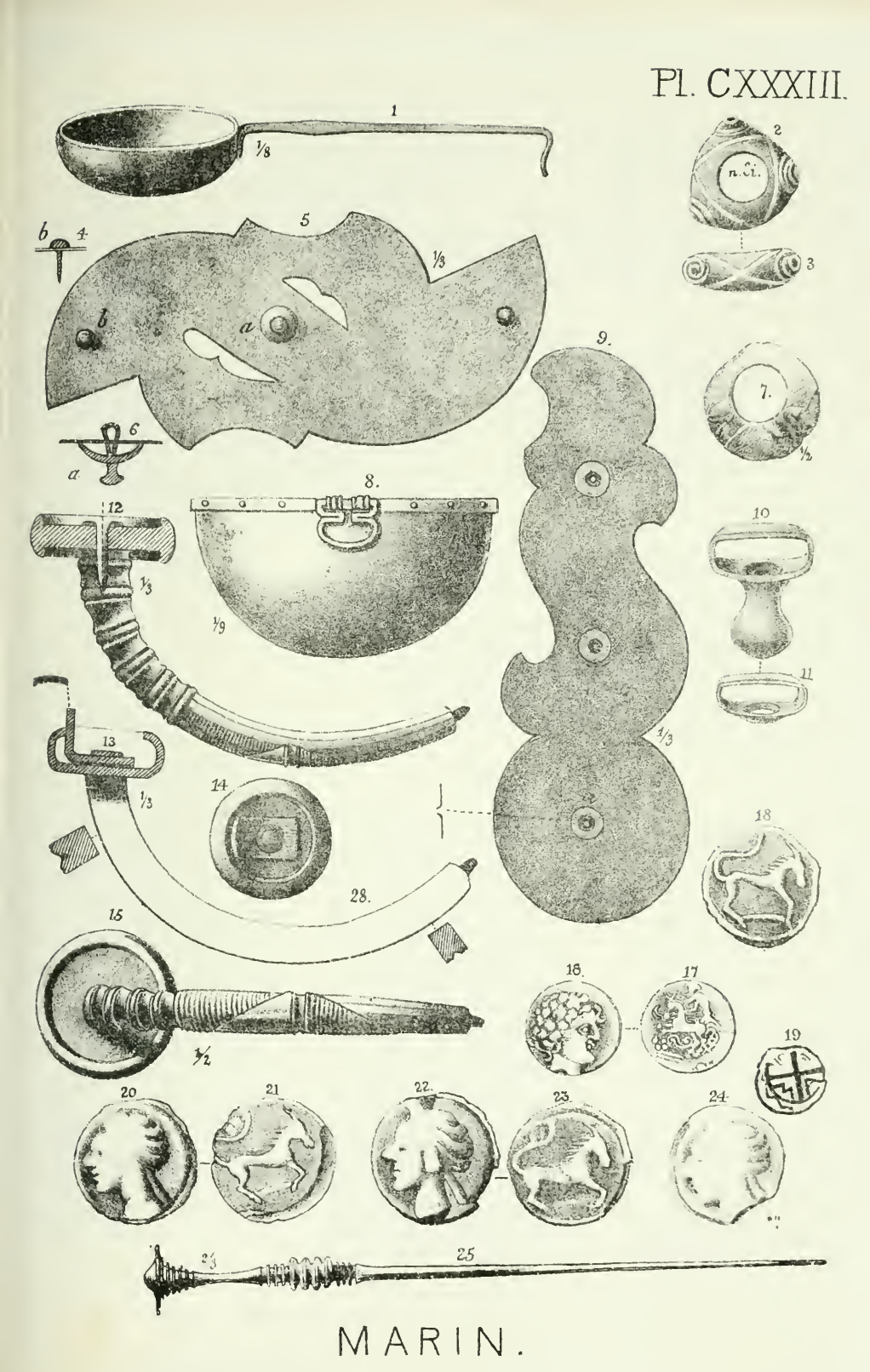
MARIN.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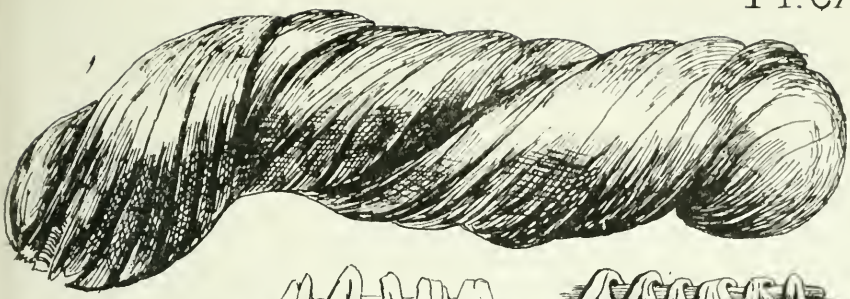
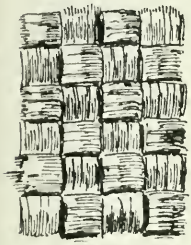
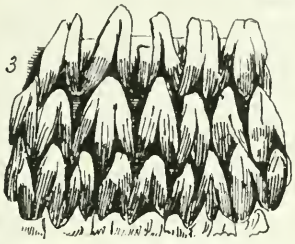
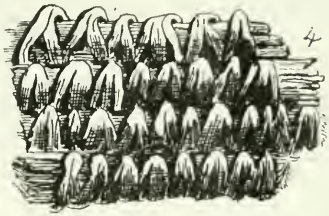
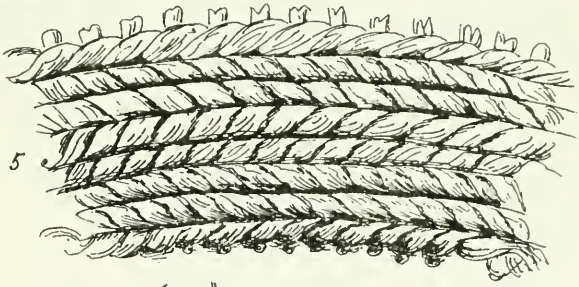
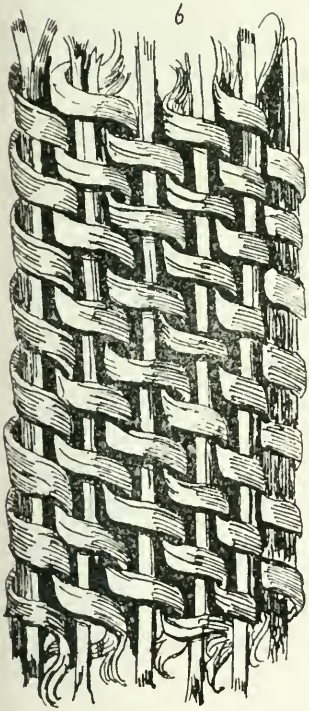


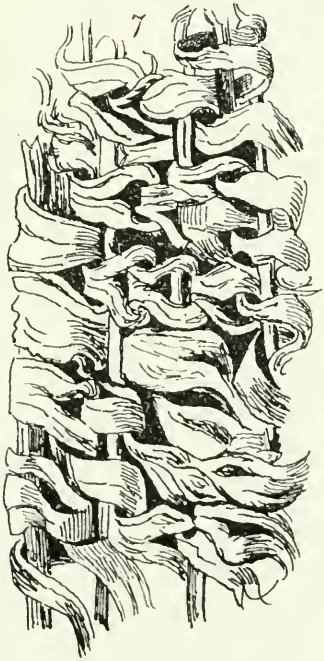


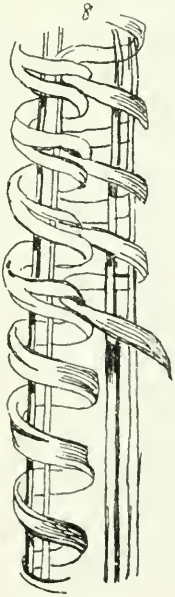






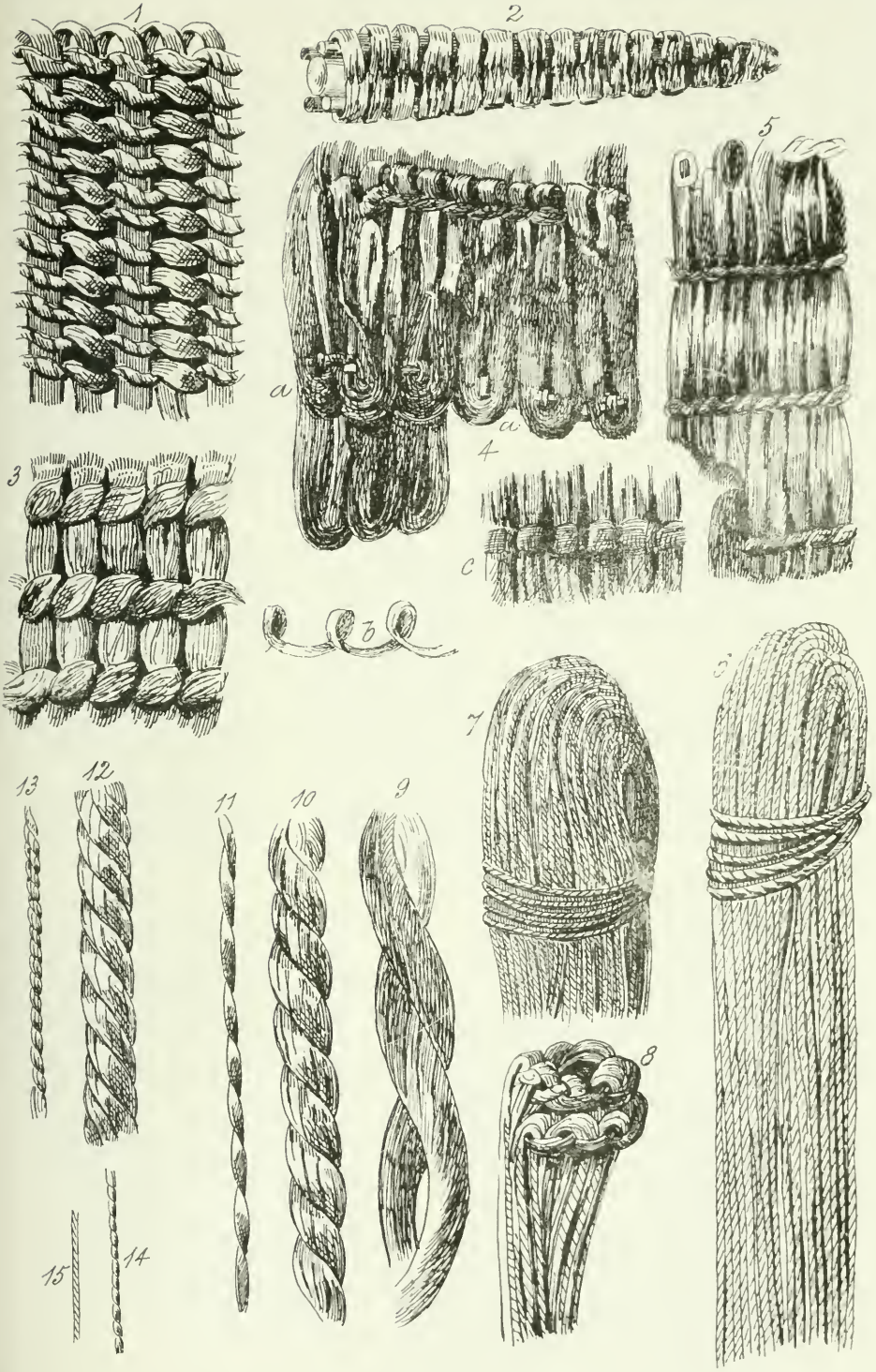






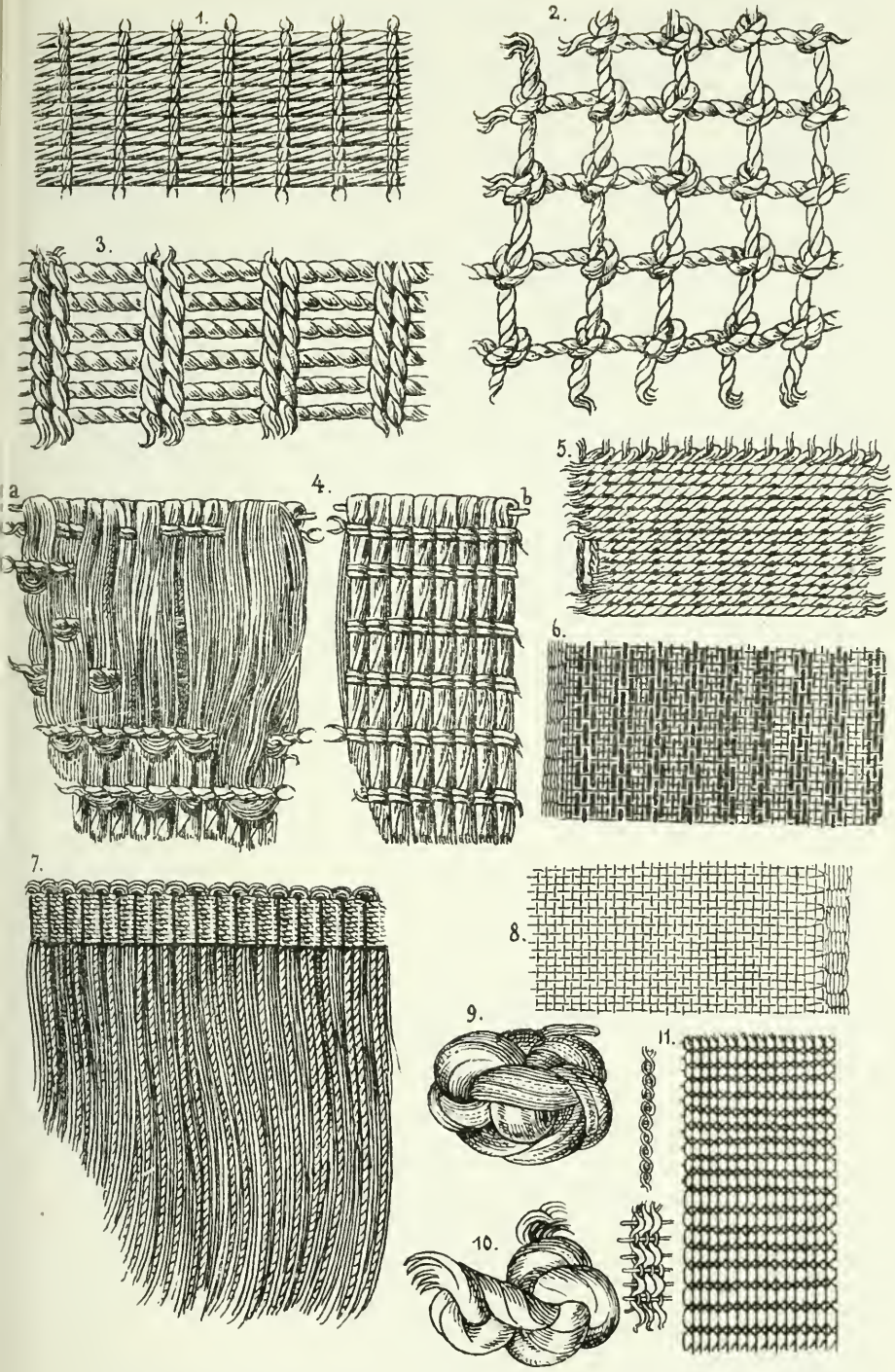
ROBENHAUSEN & WANGEN.

Bast. &c.



ROBENHAUSEN & WANGEN.

Bast & Flax.



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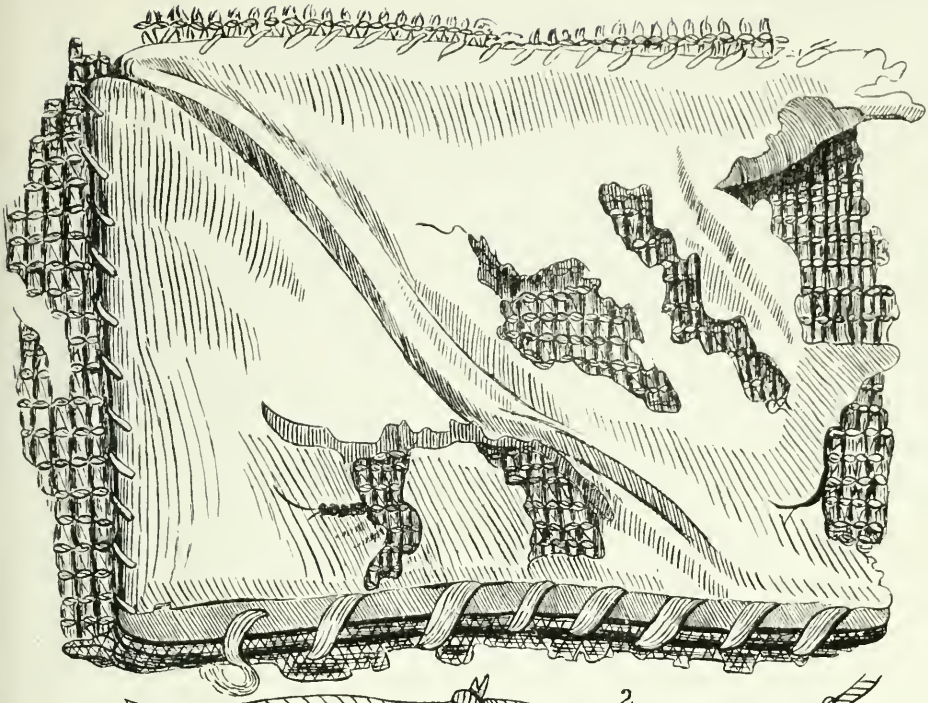
Flax.



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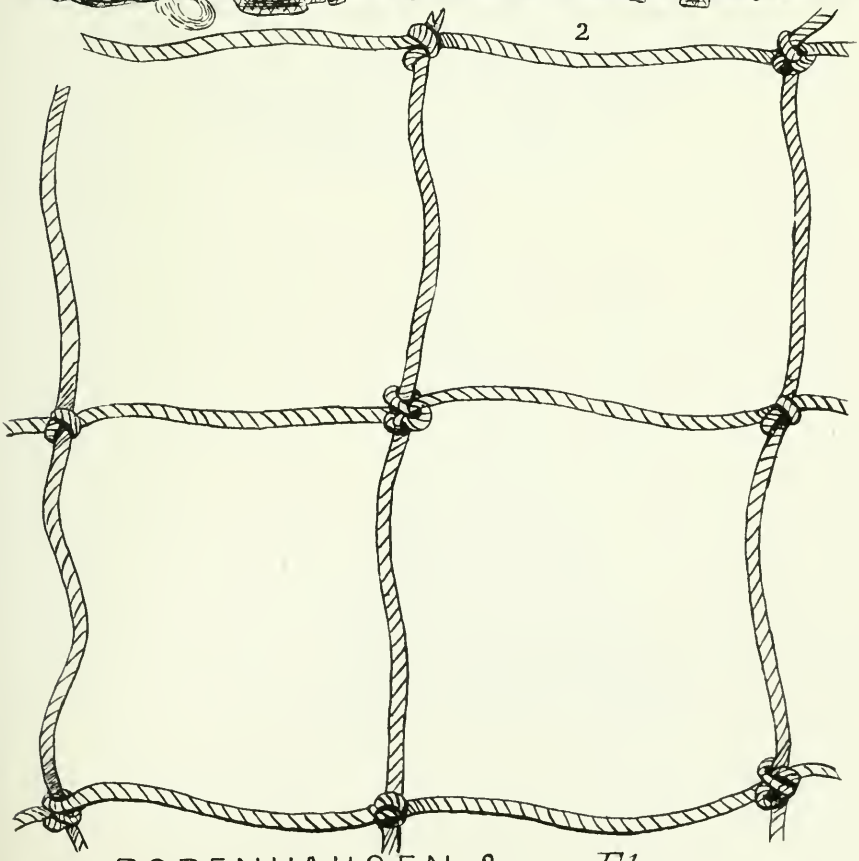
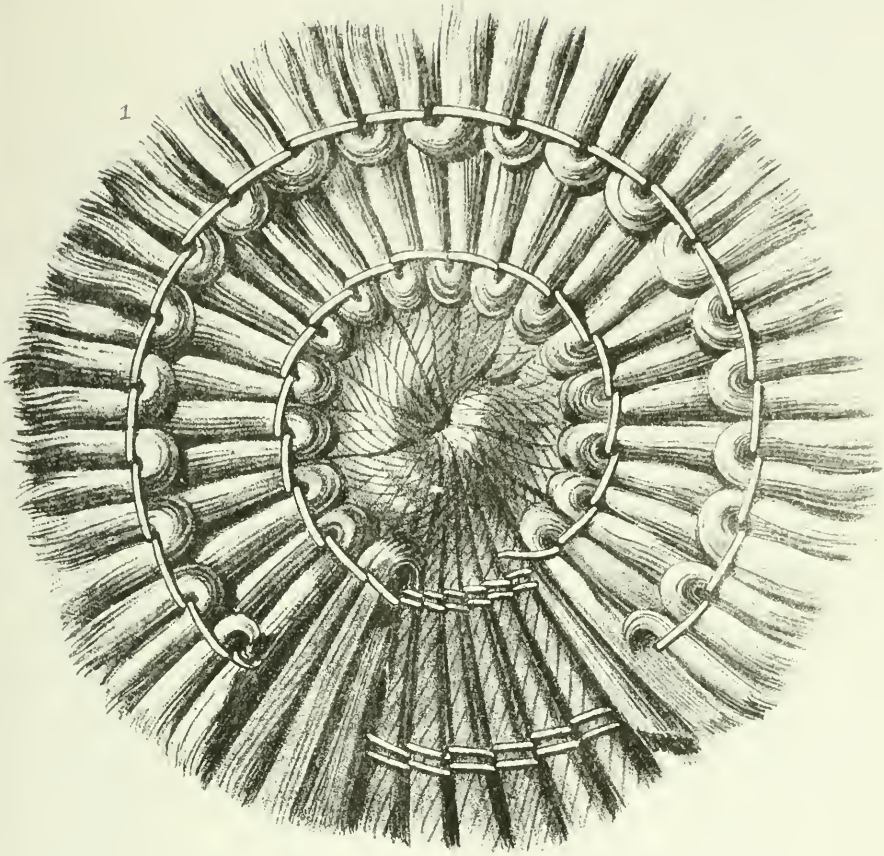
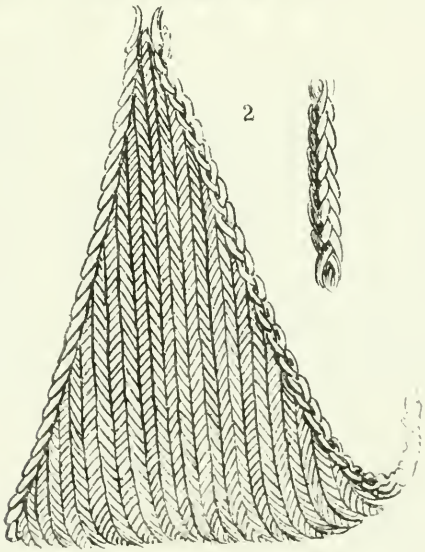


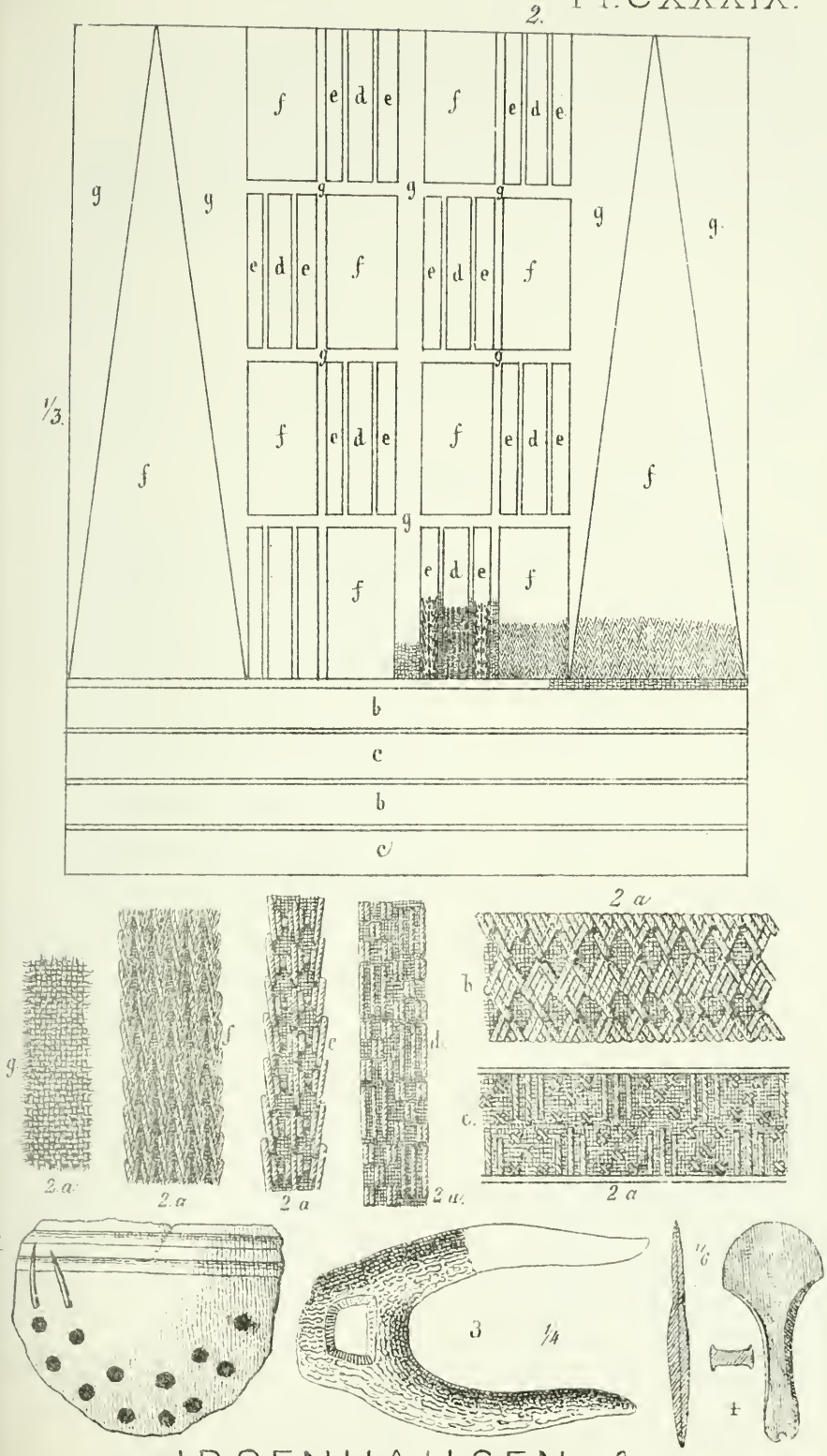
ROBENHAUSEN &c *Flax.*



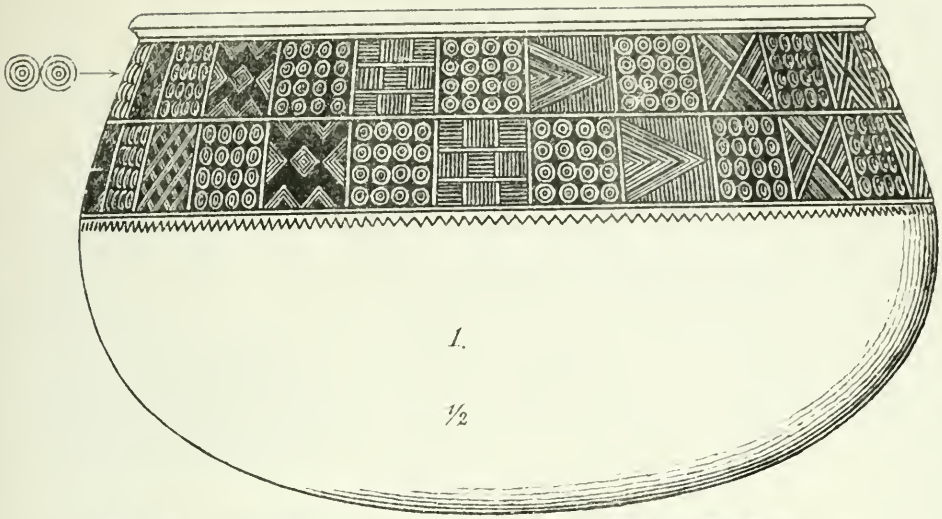


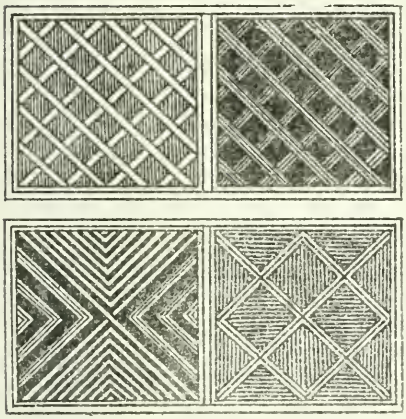
WANGEN & CORTAILLOD.

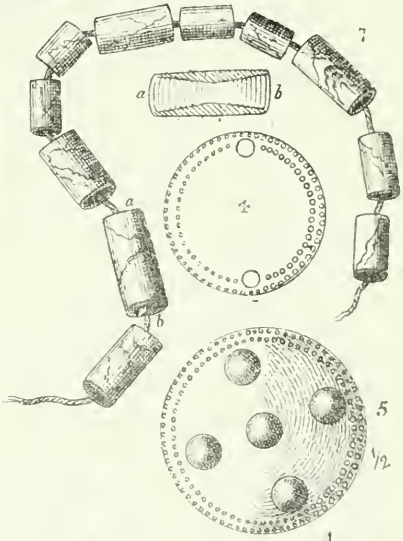
Flax.

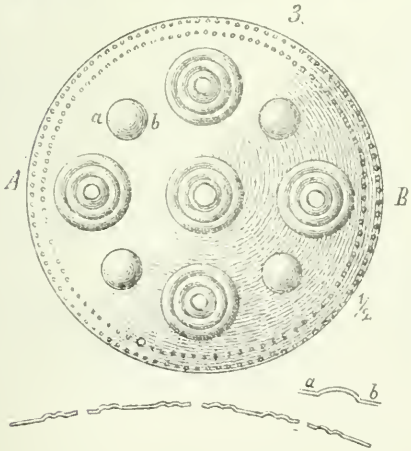


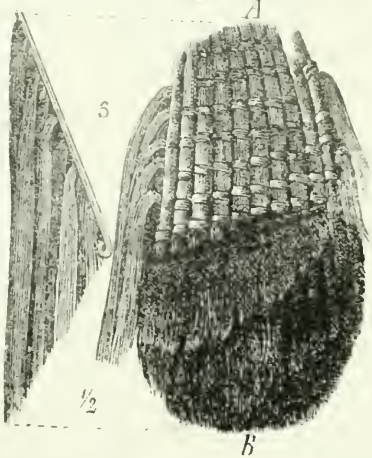
IRGENHAUSEN &c.











CORTAILLOD &c.

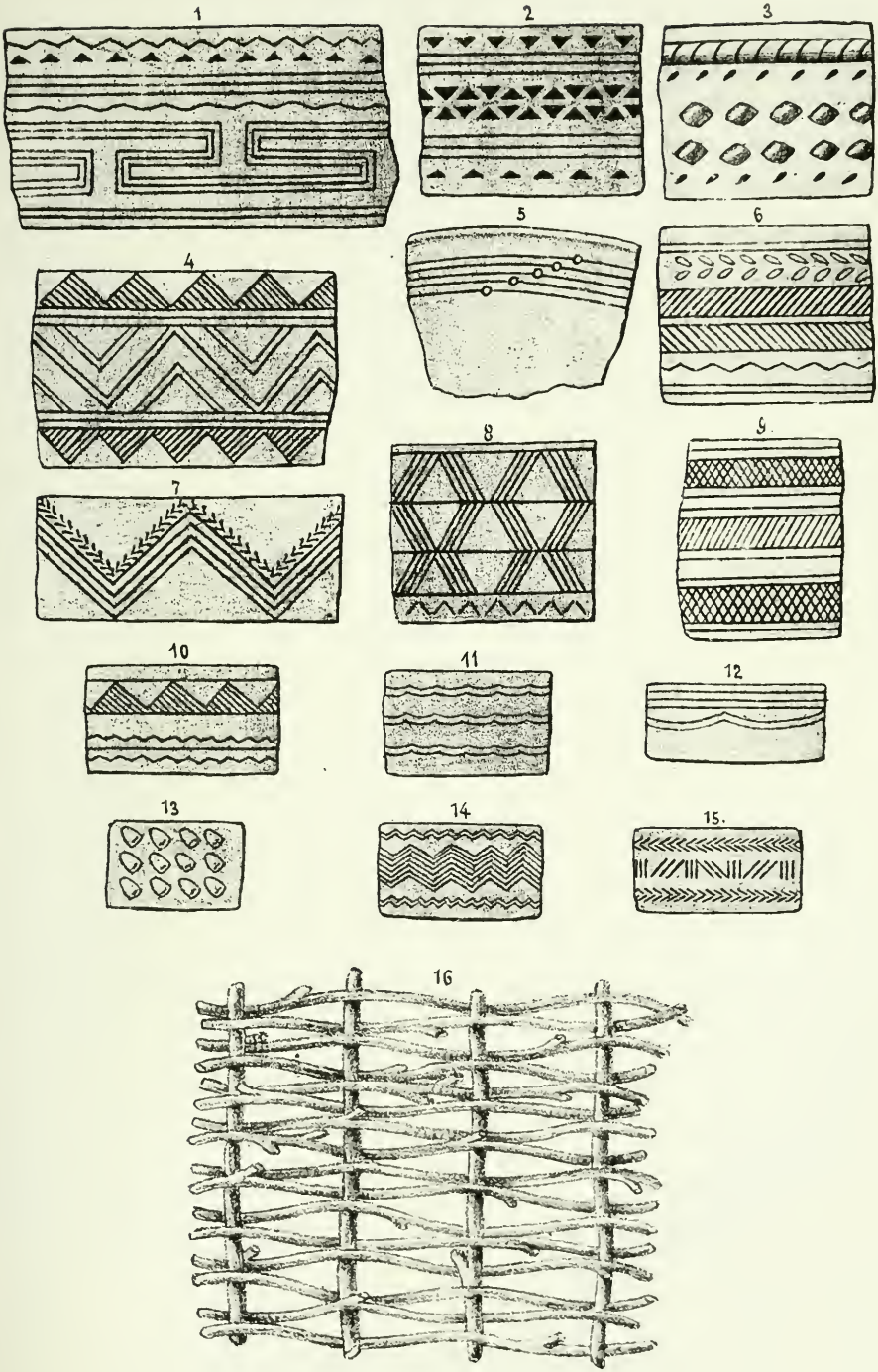
PLANTS & SEEDS.

PLANTS & SEEDS.

FOR COMPARISON MAIN LAND.

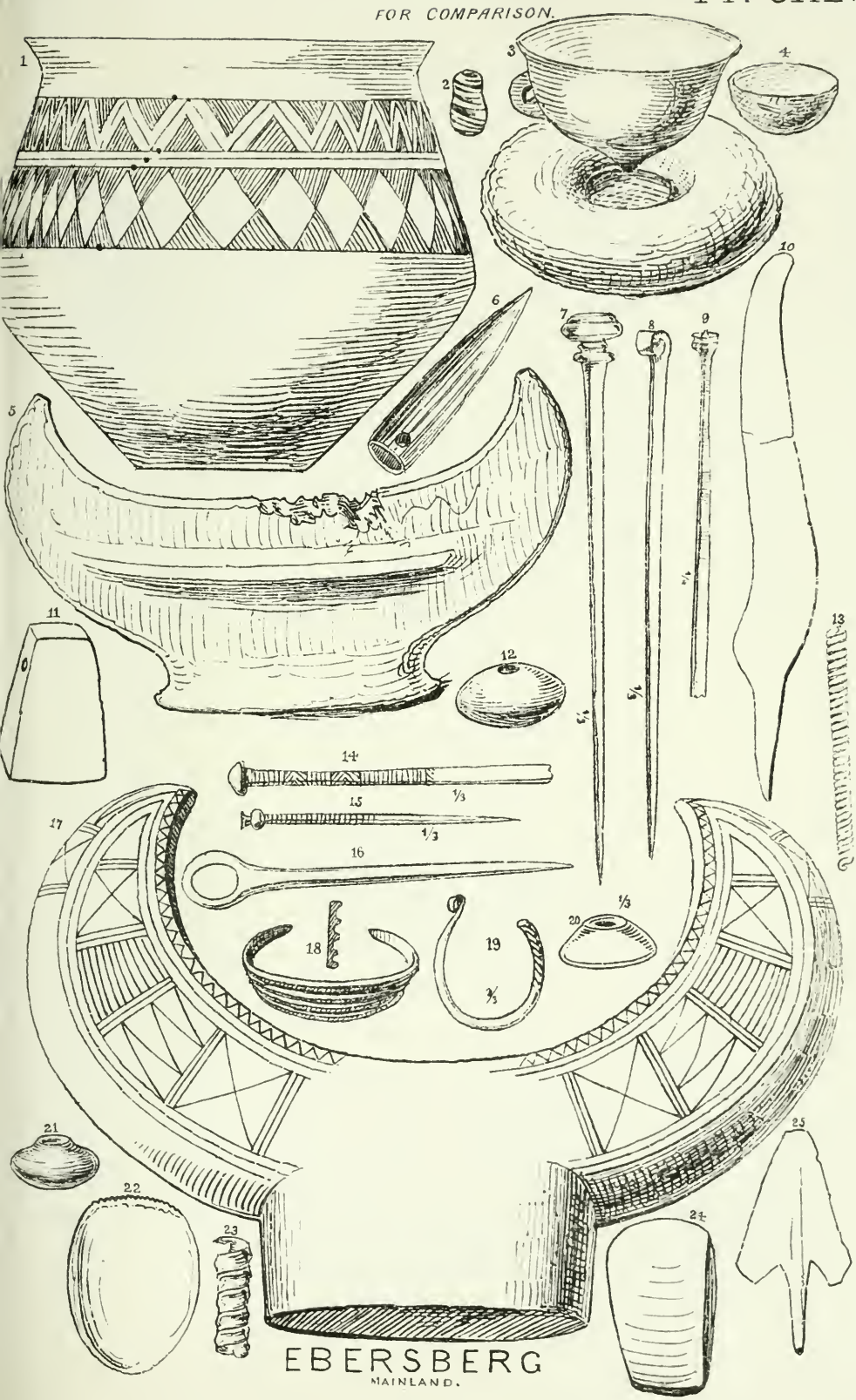
EBERSBERG.

FOR COMPARISON MAINLAND



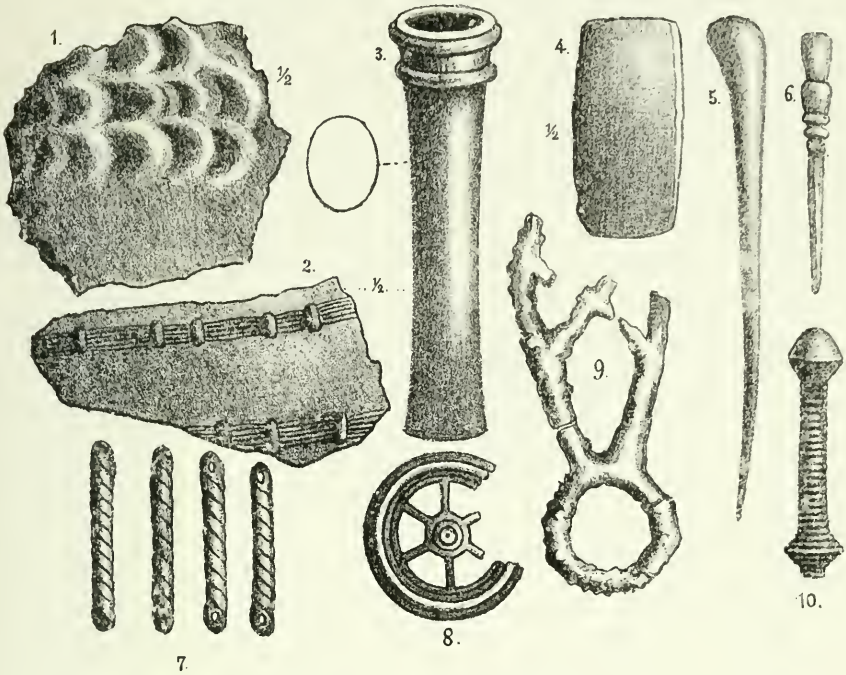
EBERSBERG

FOR COMPARISON.

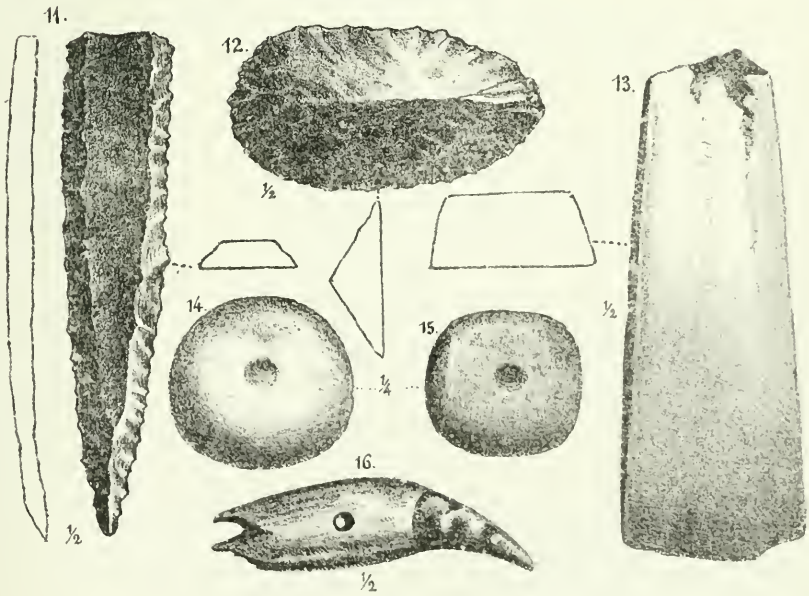


EBERSBERG
MAINLAND.

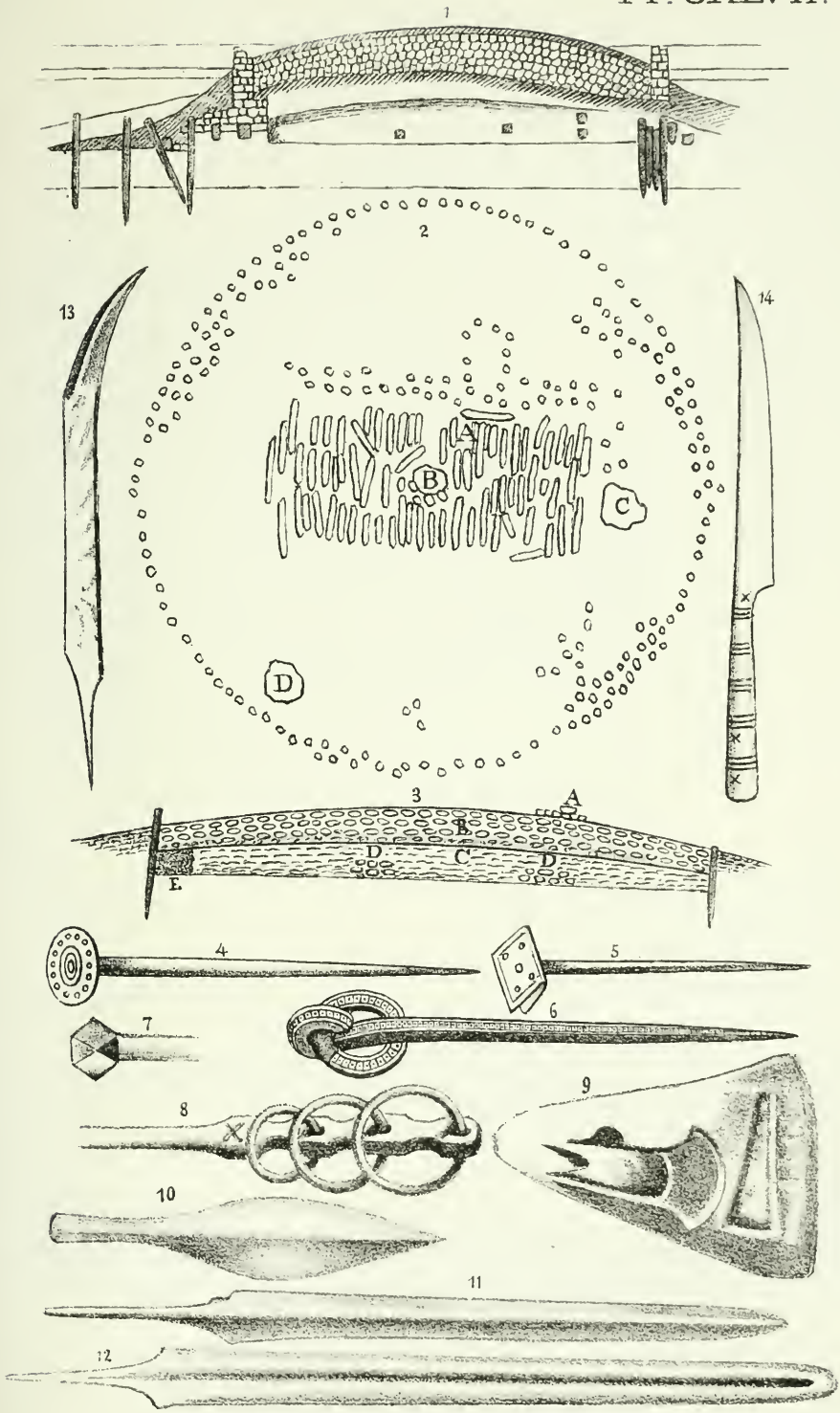
FOR COMPARISON. MAIN LAND.



UETLIBERG.

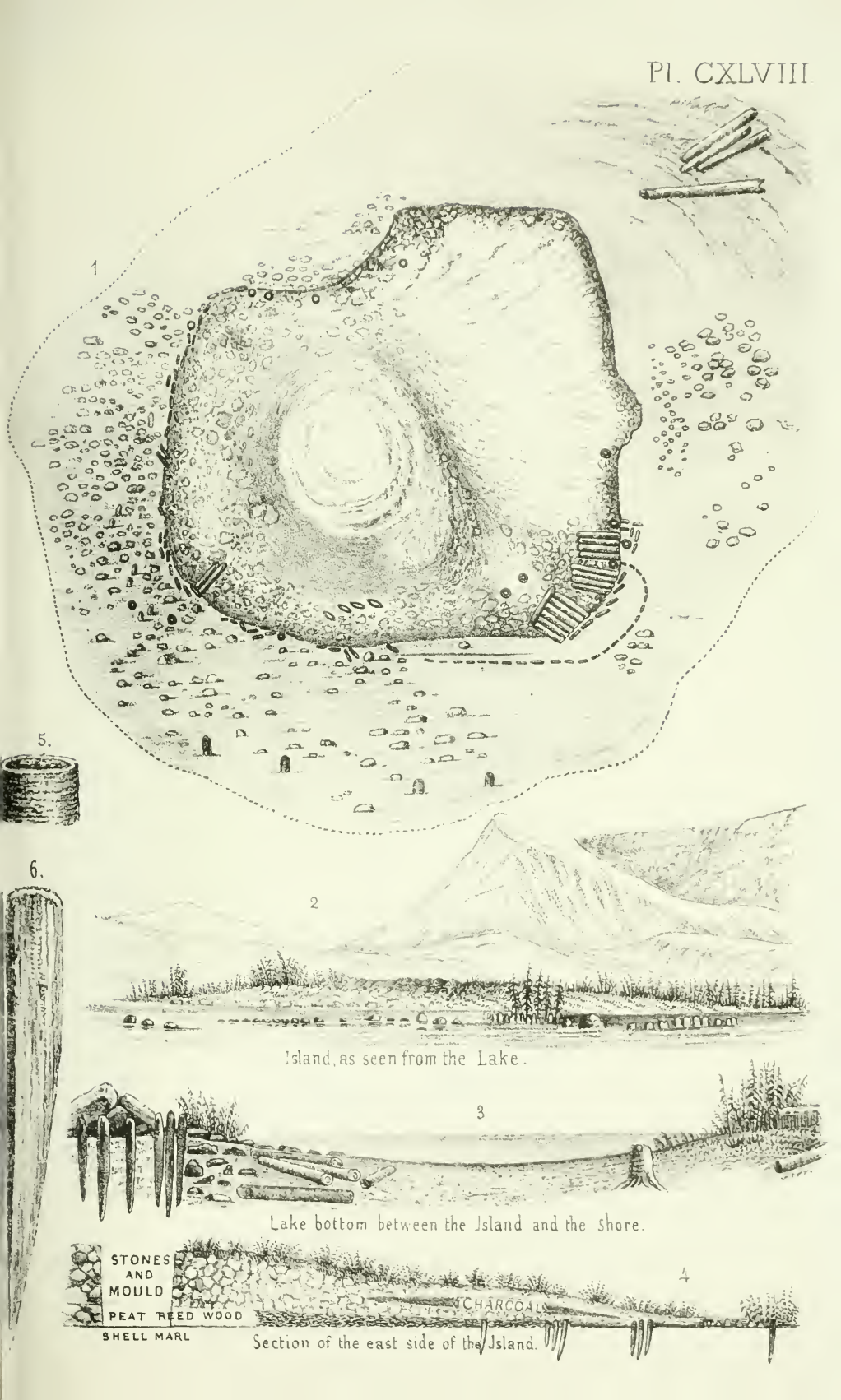


WINDISCH.



IRISH CRANNOGES

Copied from Sir W. R. Wilde's Catalogue & Arch. Journal Vol. VI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5.
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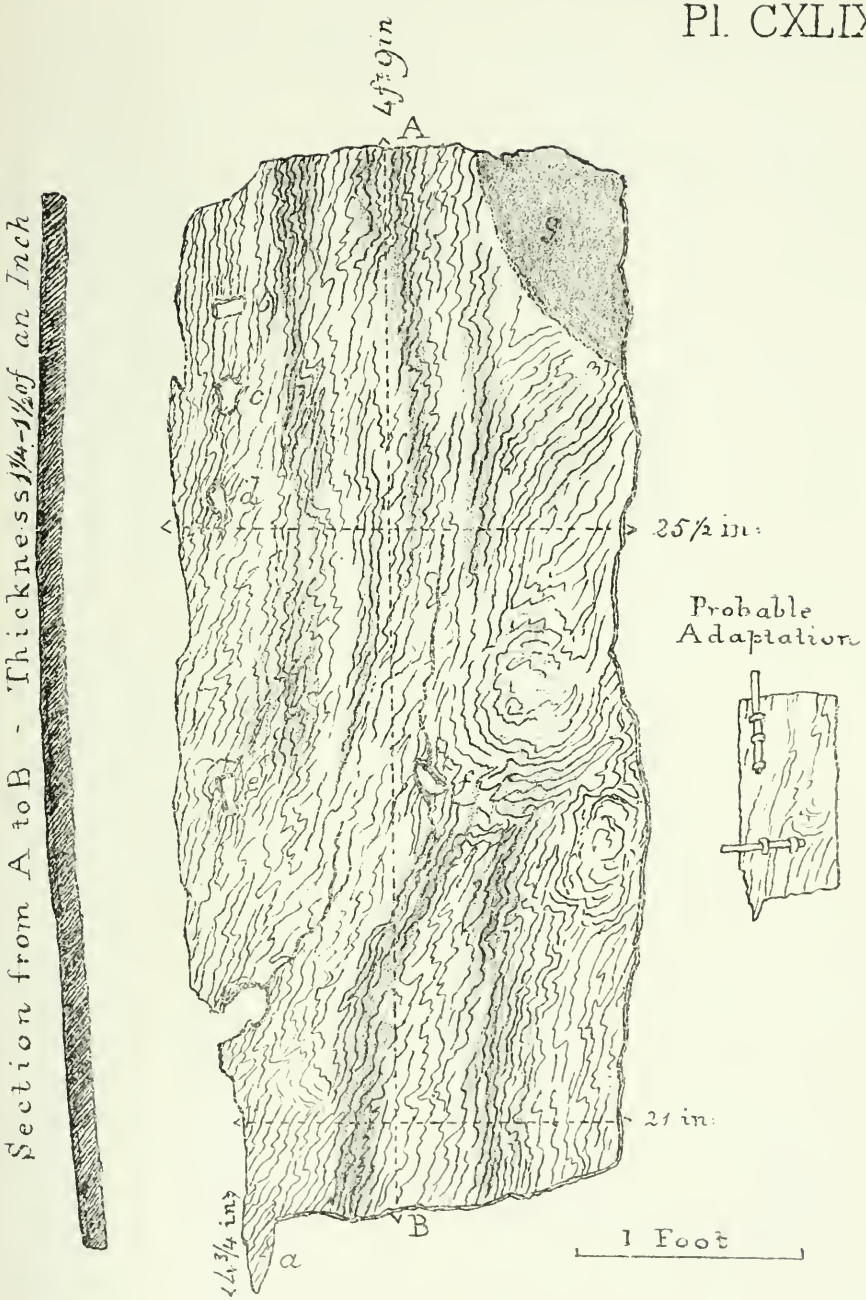
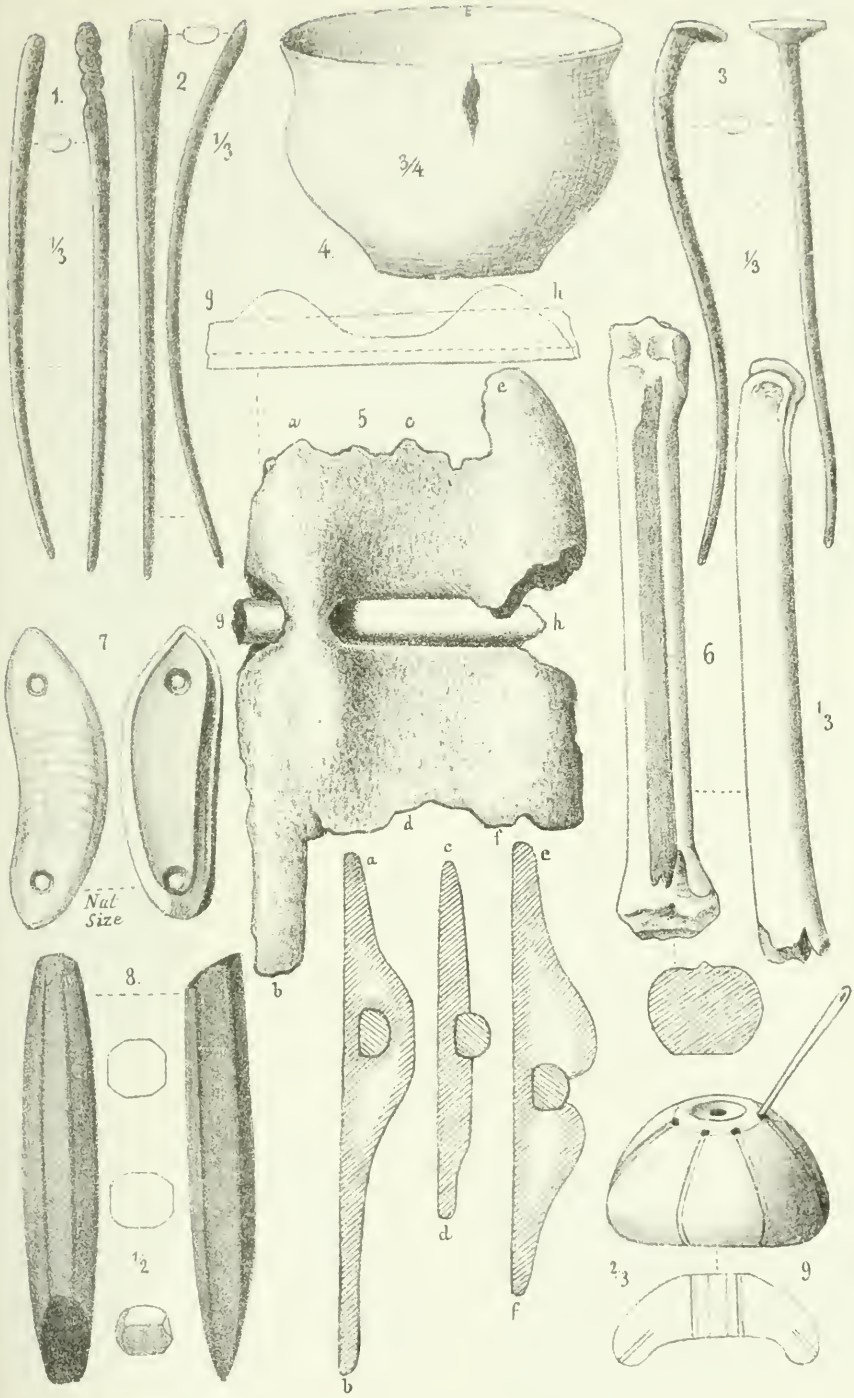
2
Island, as seen from the Lake.
3
Lake bottom between the Island and the Shore.
STONES AND MOULD
PEAT REED WOOD
SHELL MARL
CHARCOAL
4
Section of the east side of the Island.

Pl. CXLIX.



ROBENHAUSEN.

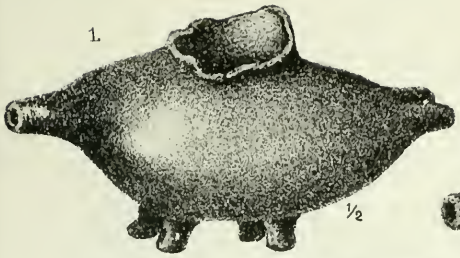
Wood.

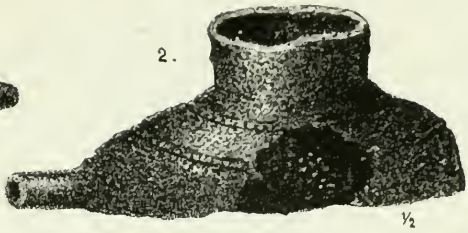


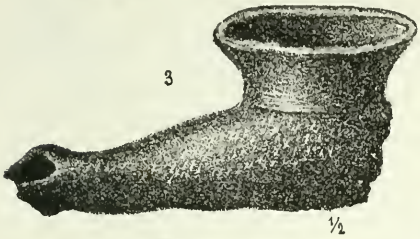
MÖRINGEN &c.

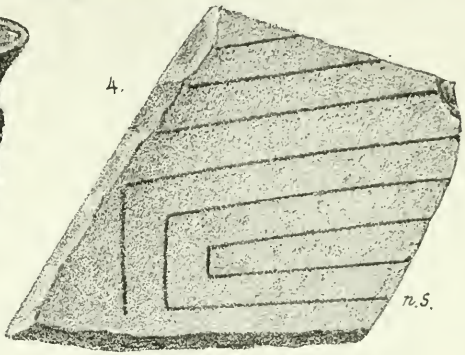
LAKE OF BOURGET.

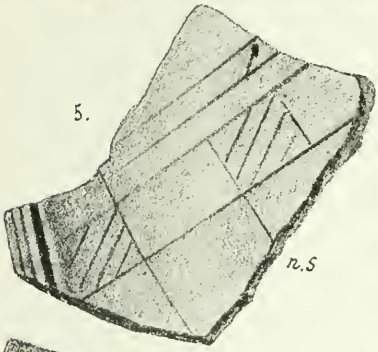
all ½ Size.

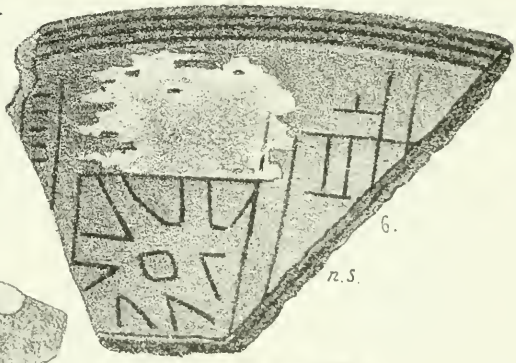


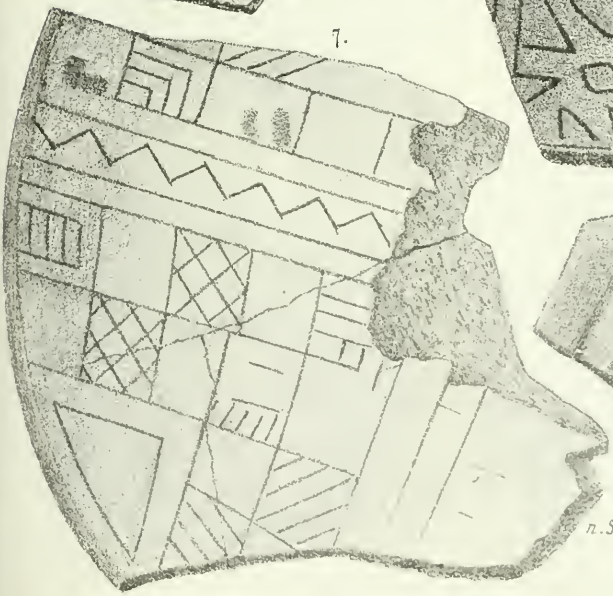


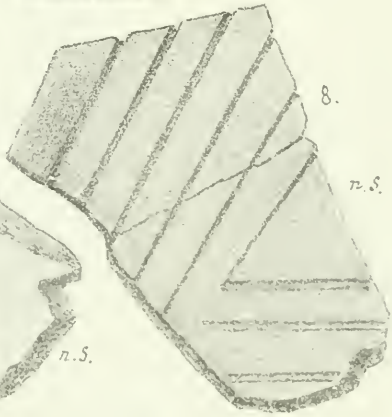




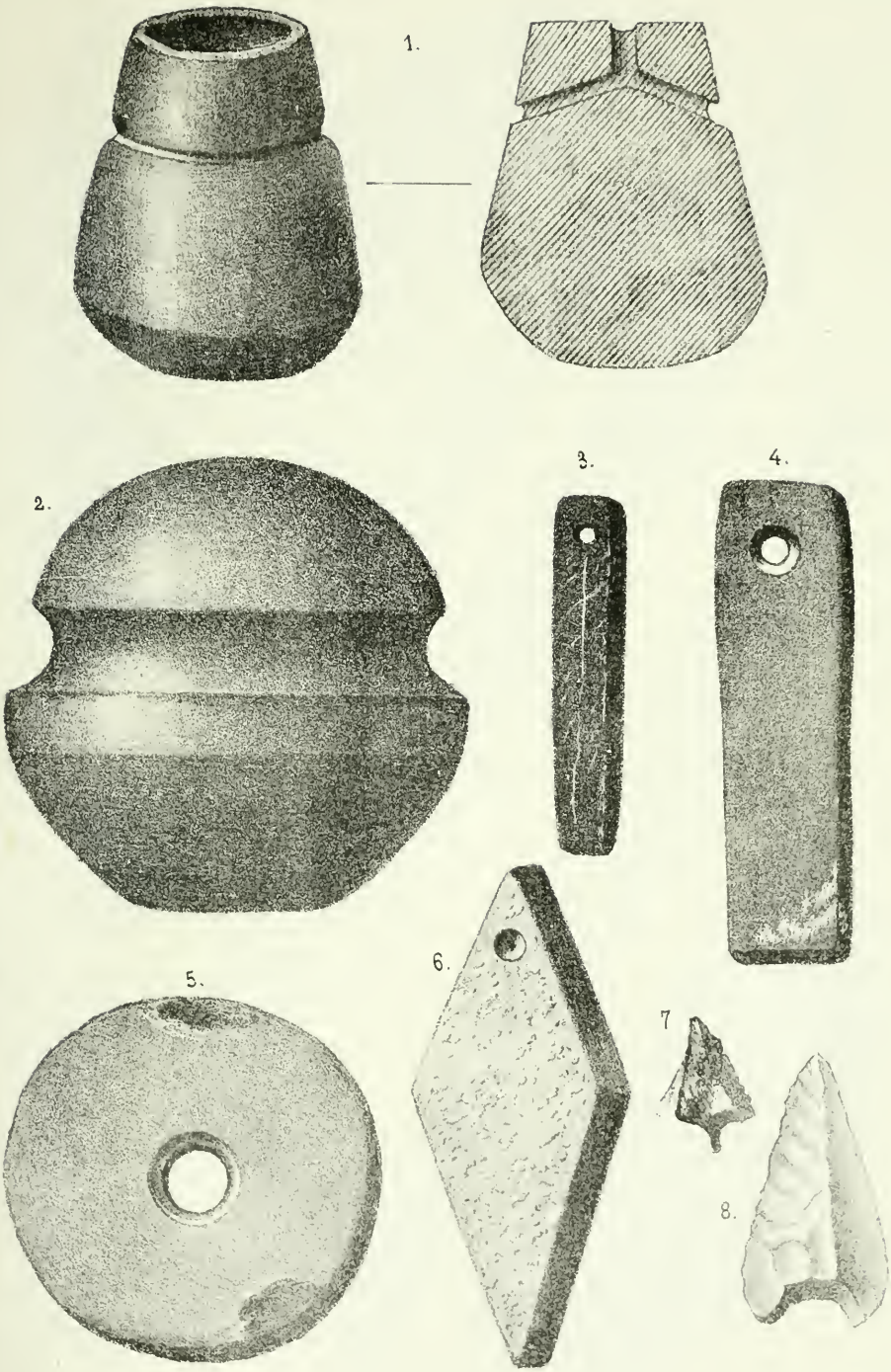






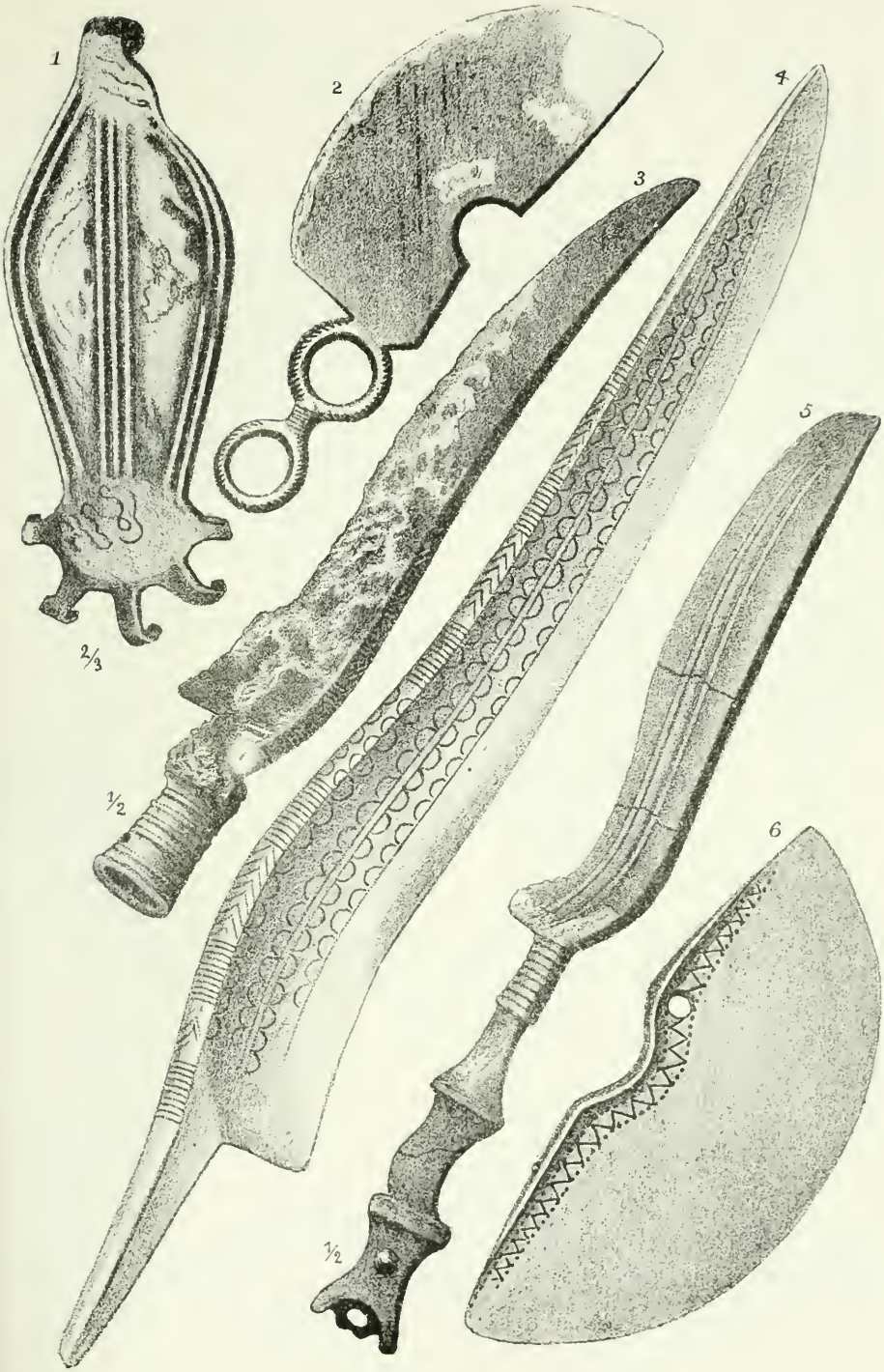


LAKE OF BOURGET.
Pottery.



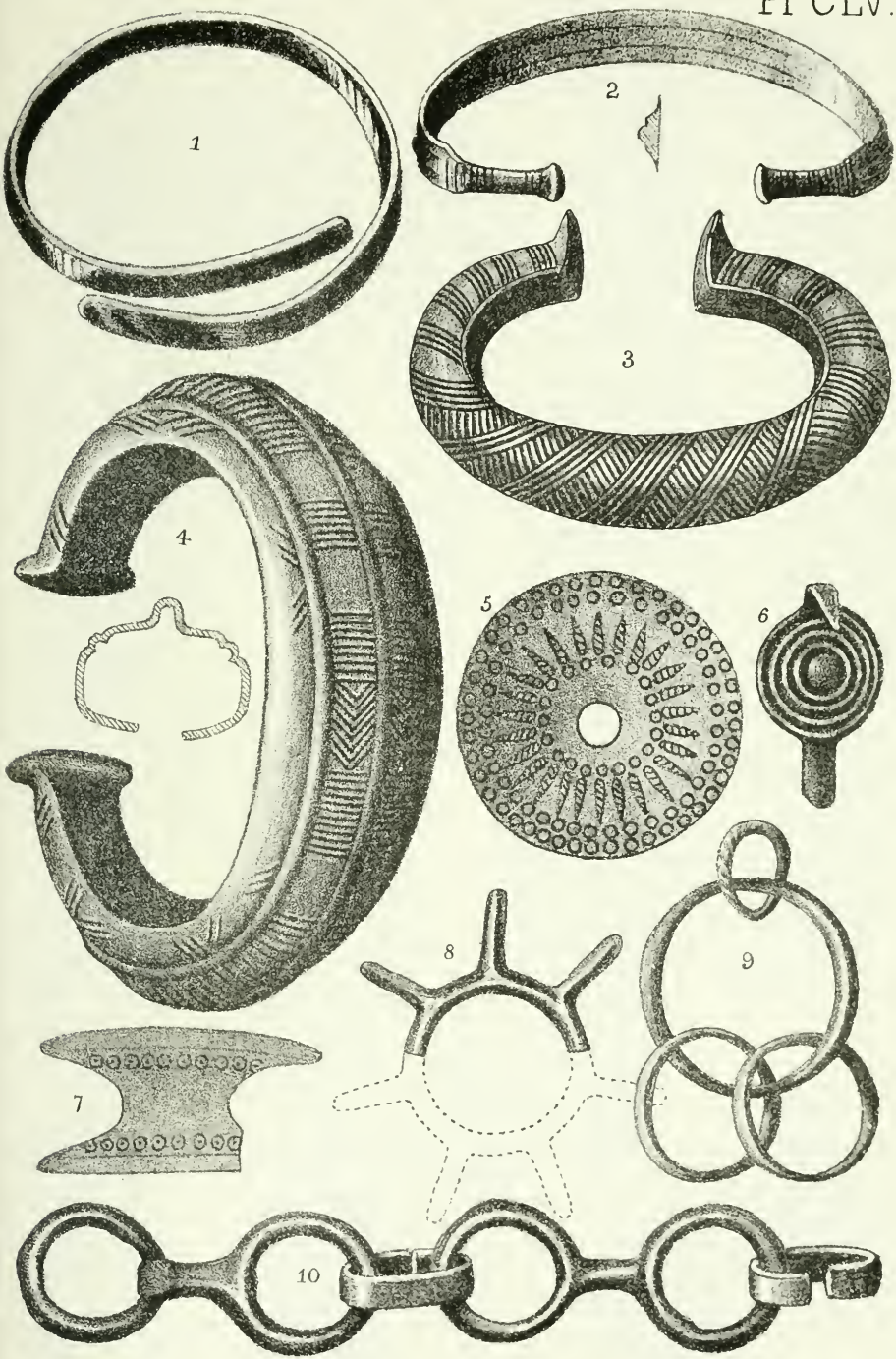
LAKE OF BOURGET.

Stone nat. Size.



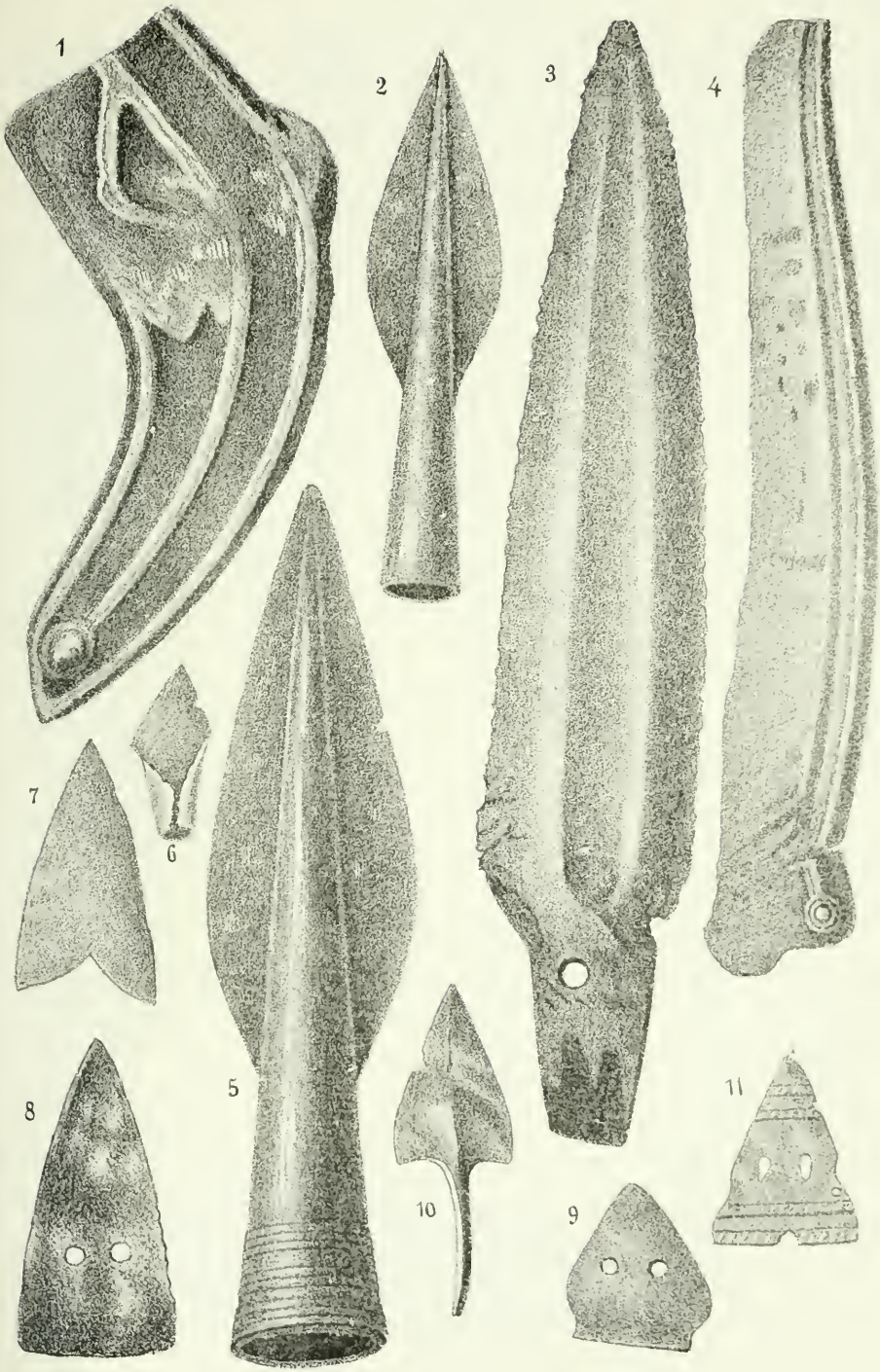
LAKE OF BOURGET.

Bronze.



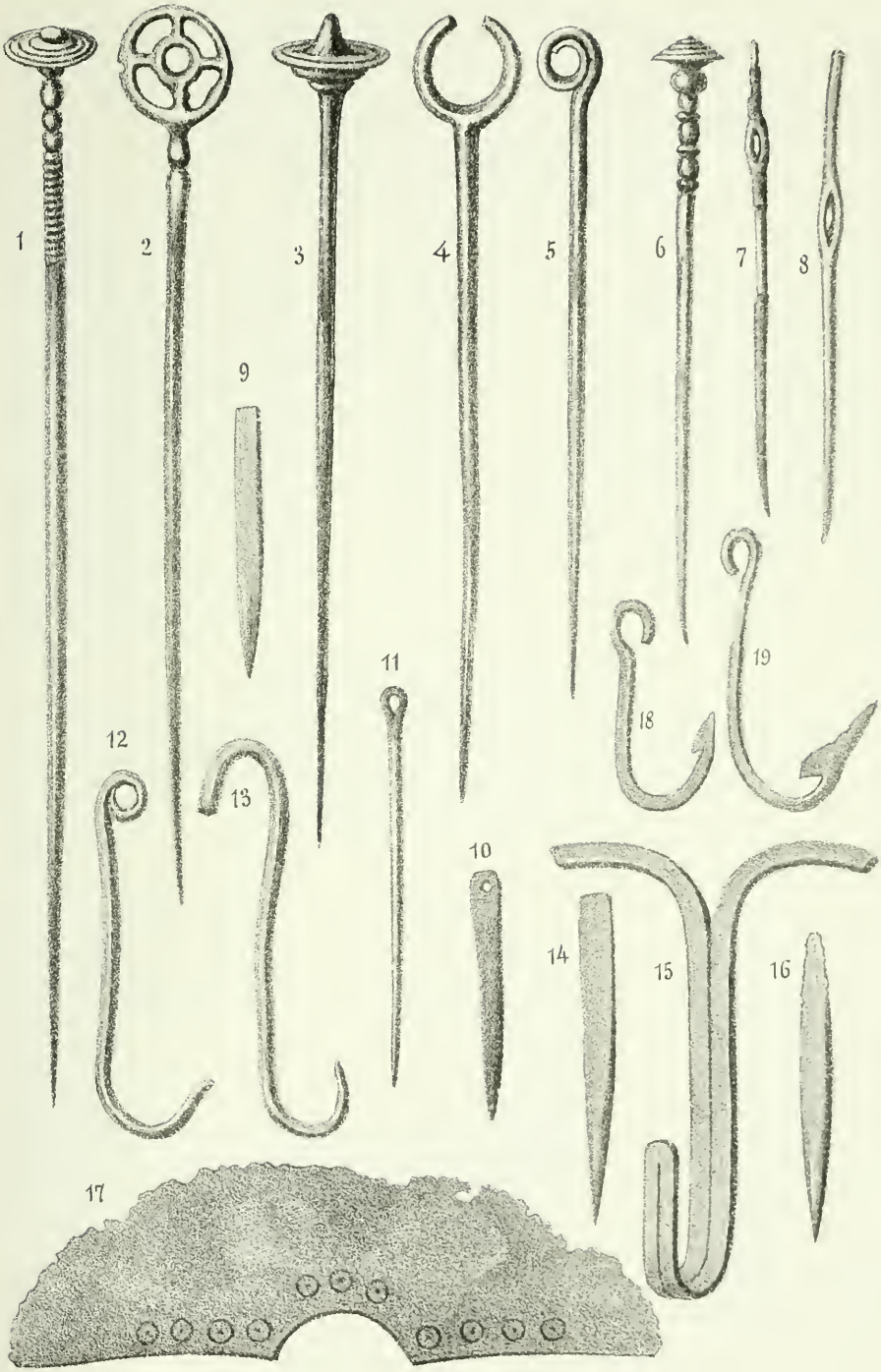
LAKE OF BOURGET.

Bronze nat size.



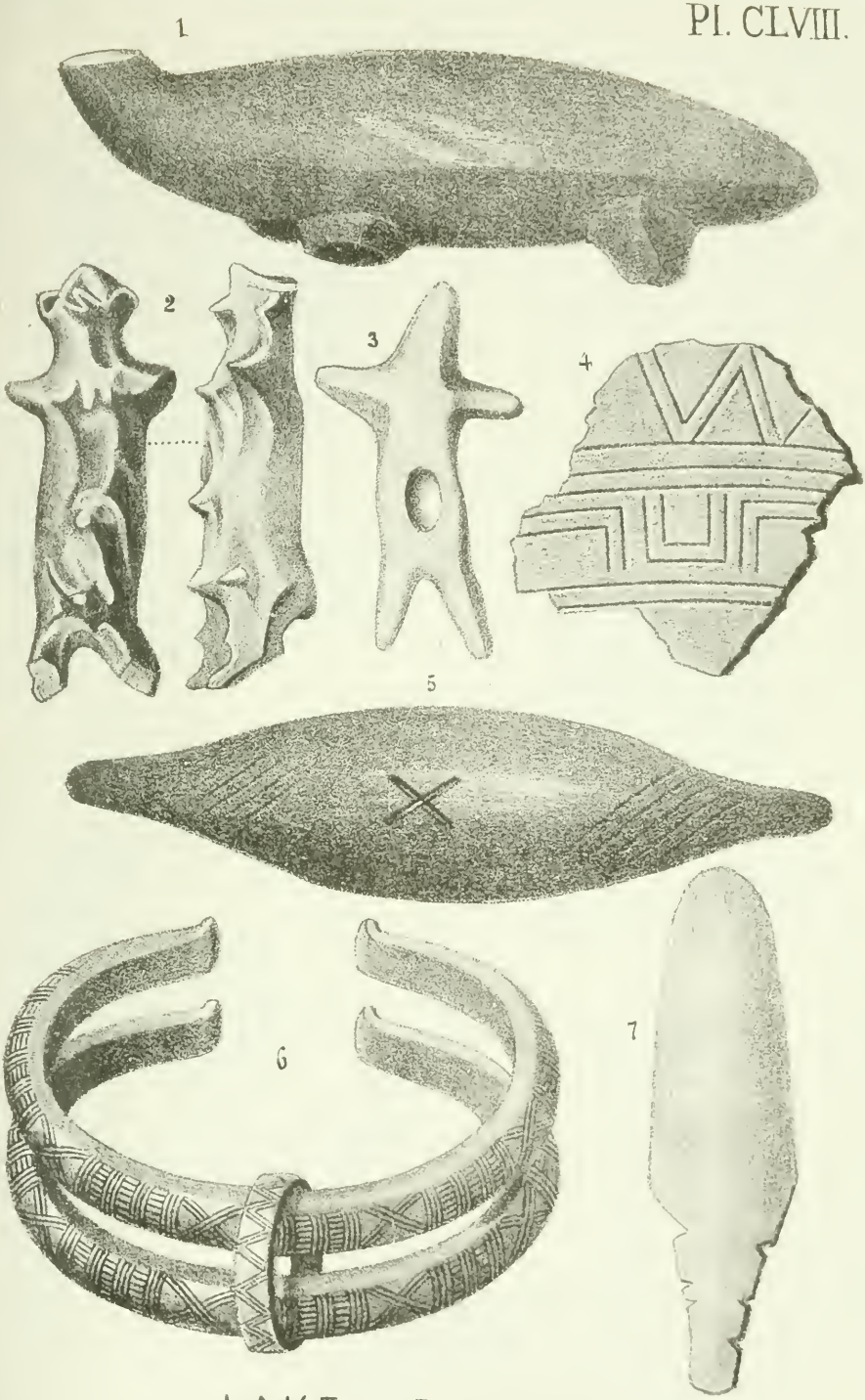
LAKE OF BOURGET

Bronze_nat.Size.



LAKE OF BOURGET

Bronze nat. Size



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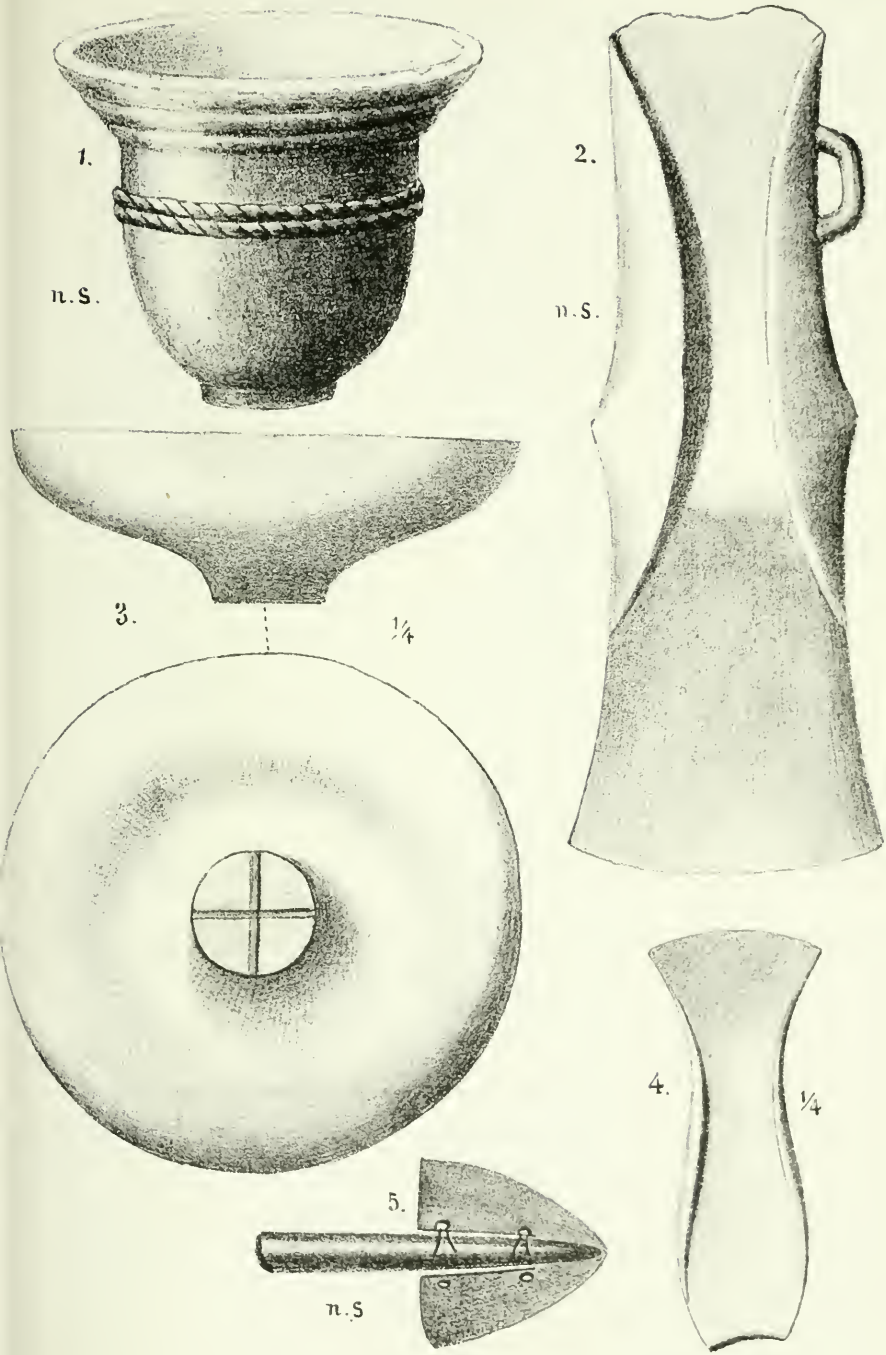
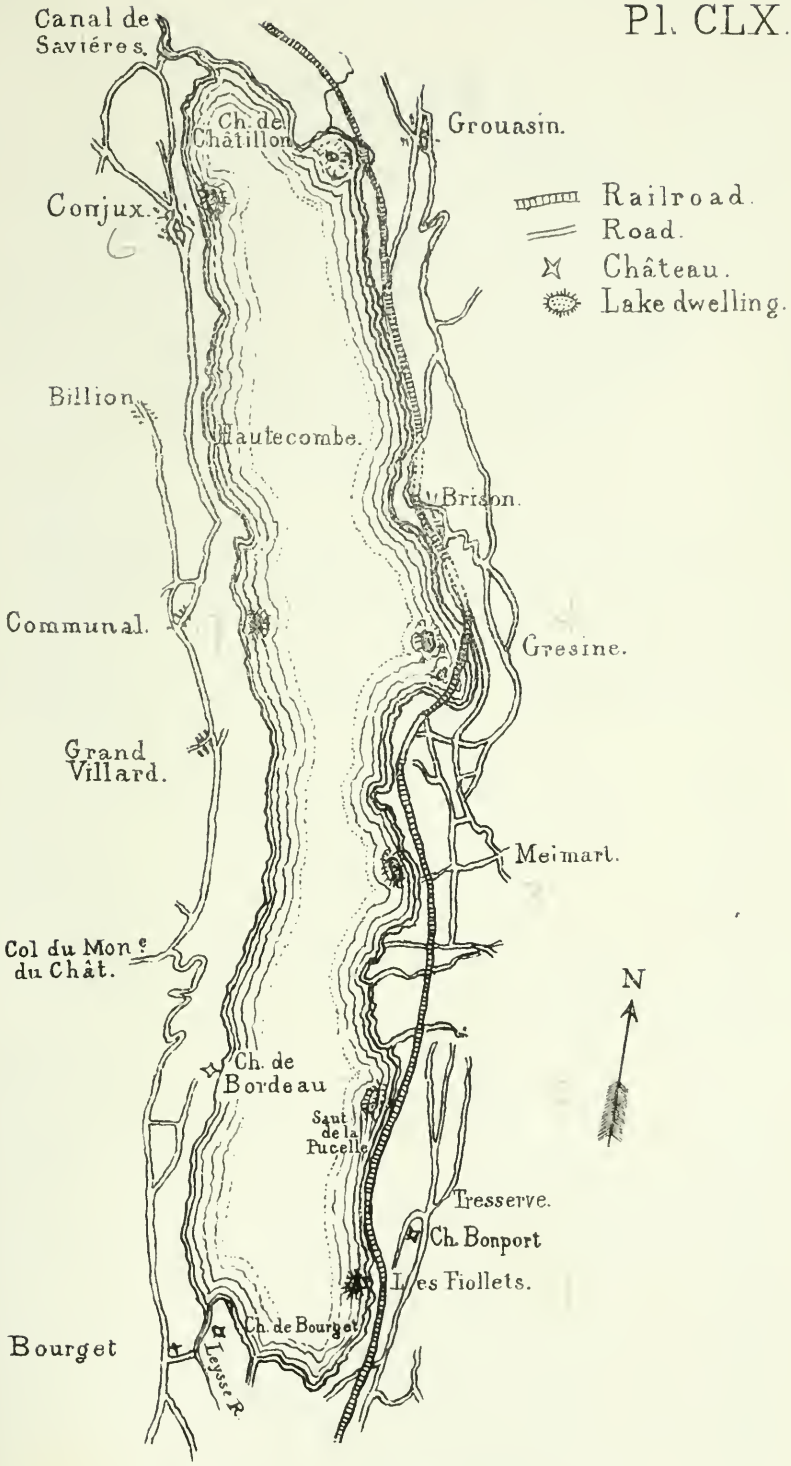
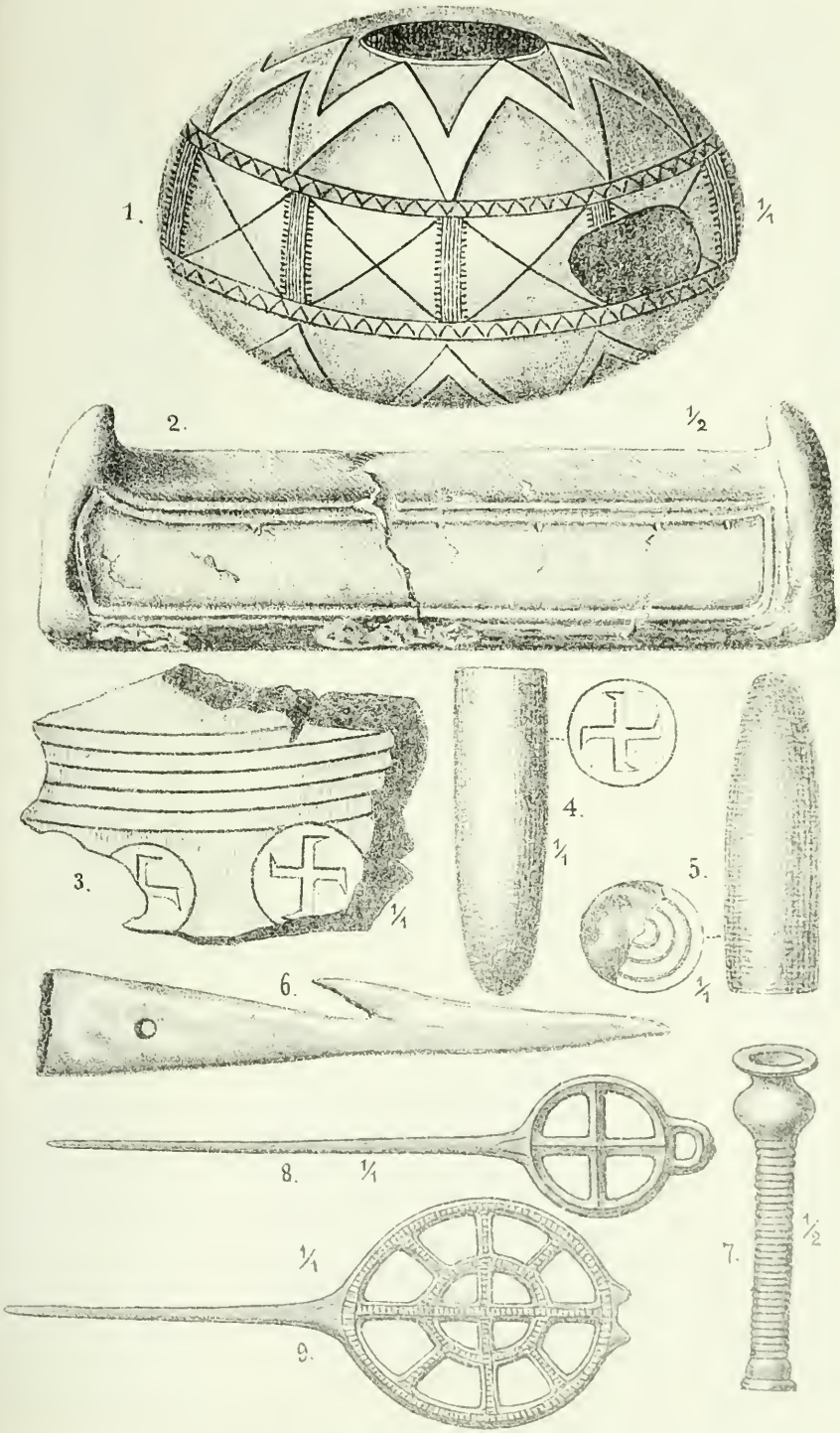


LAKE OF BOURGET



LAKE OF BOURGET.

Scale. – $\frac{1}{100\,000}$.



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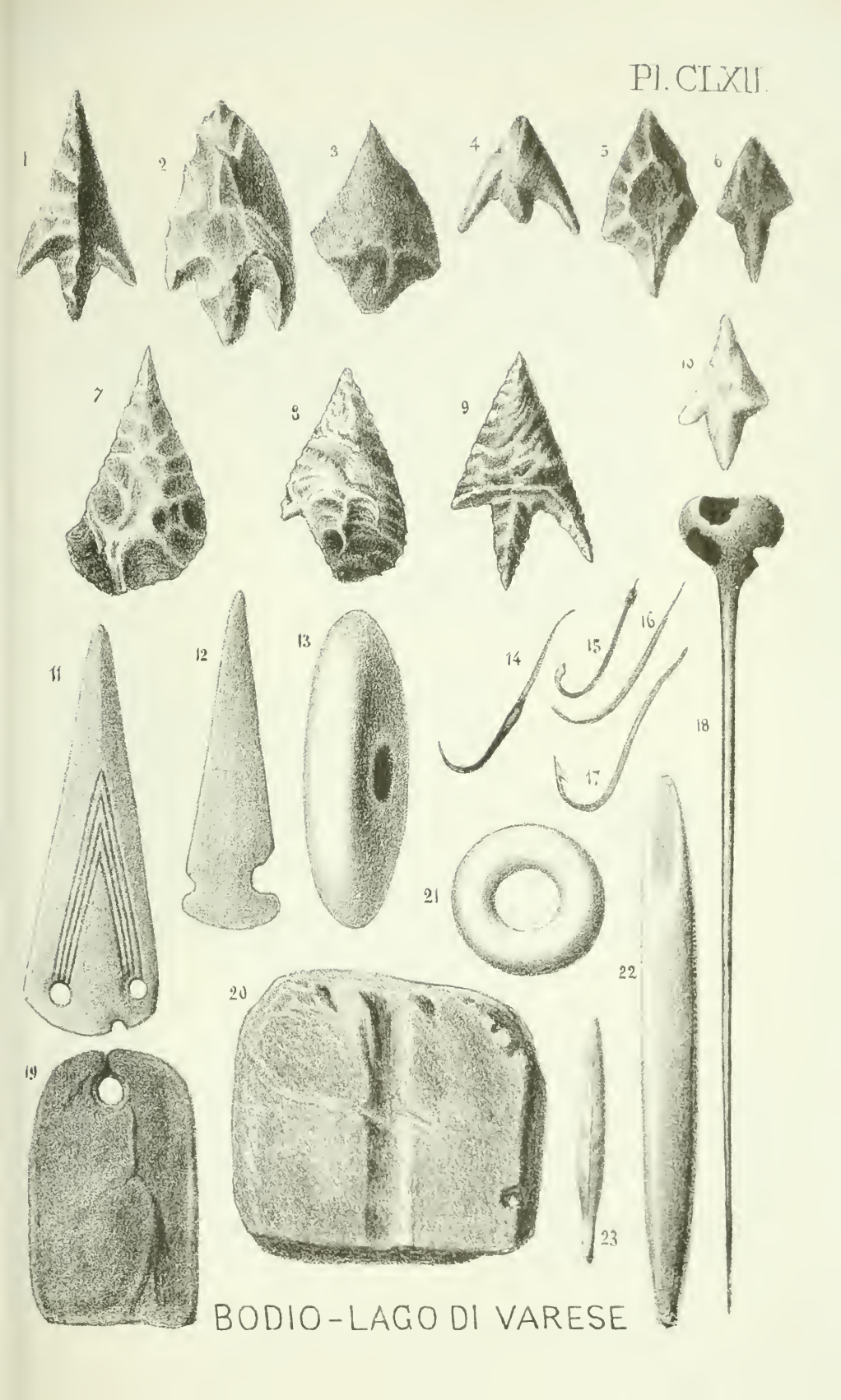

BODIO-LAGO DI VARESE

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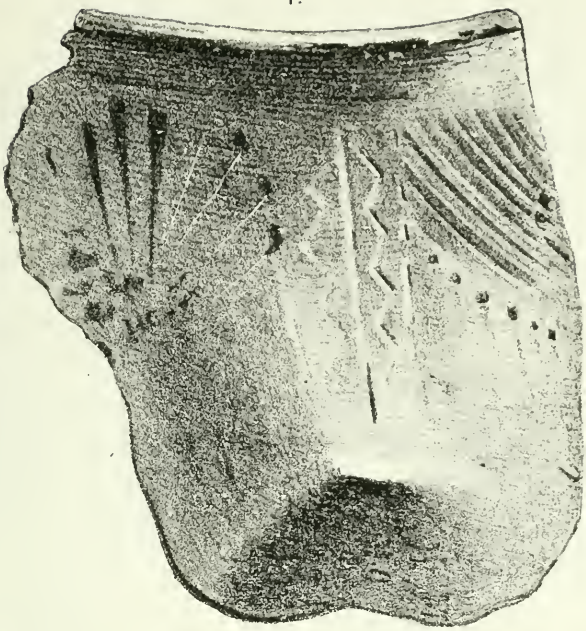

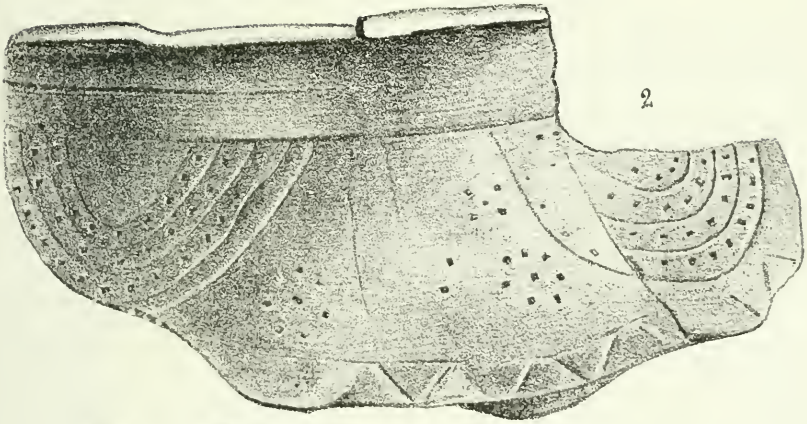

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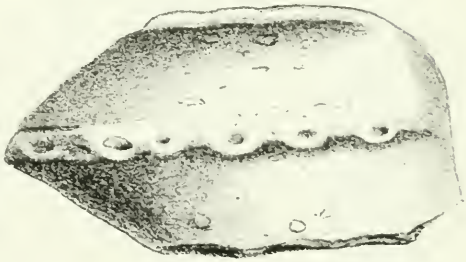
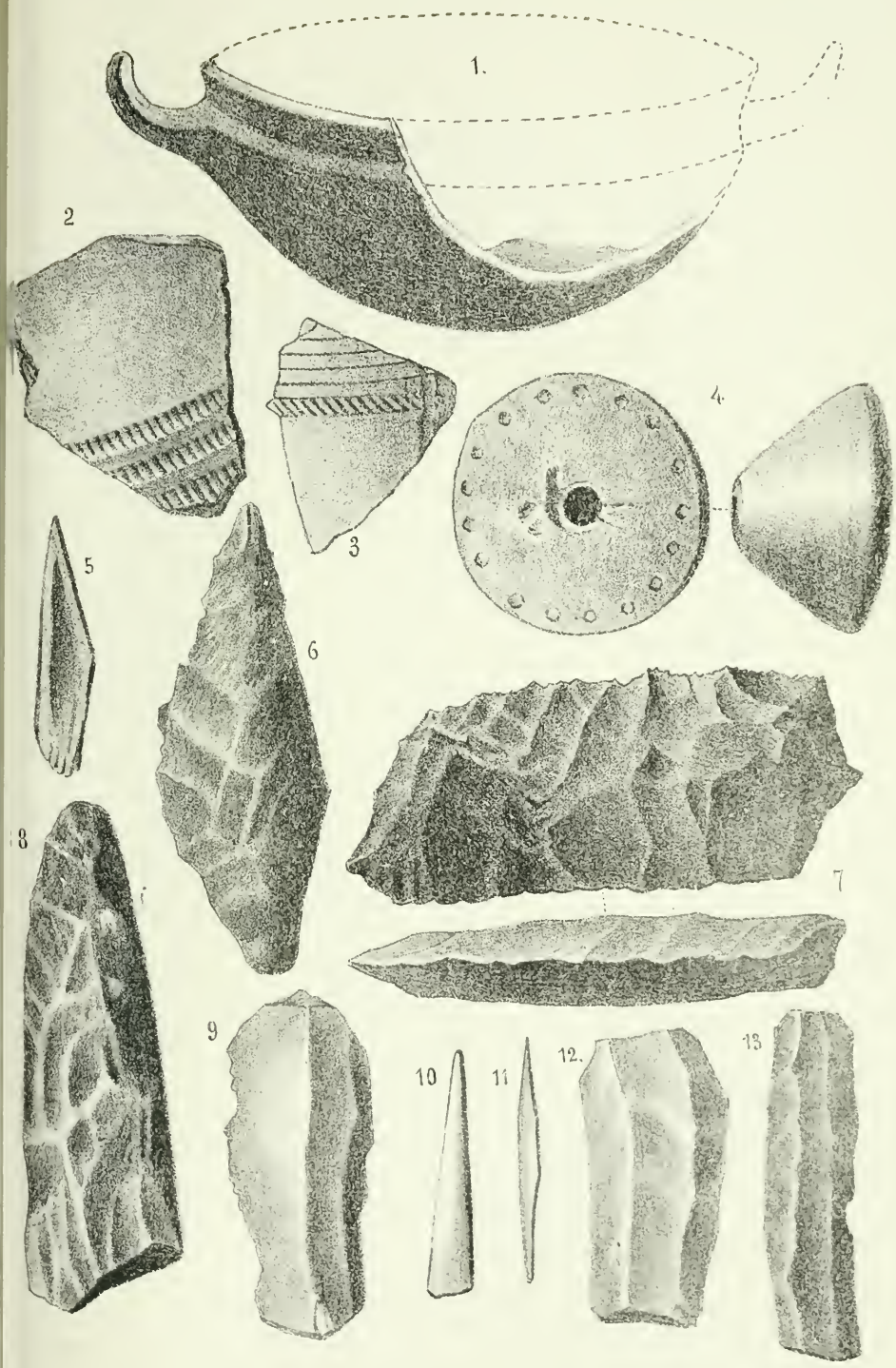
4

5.

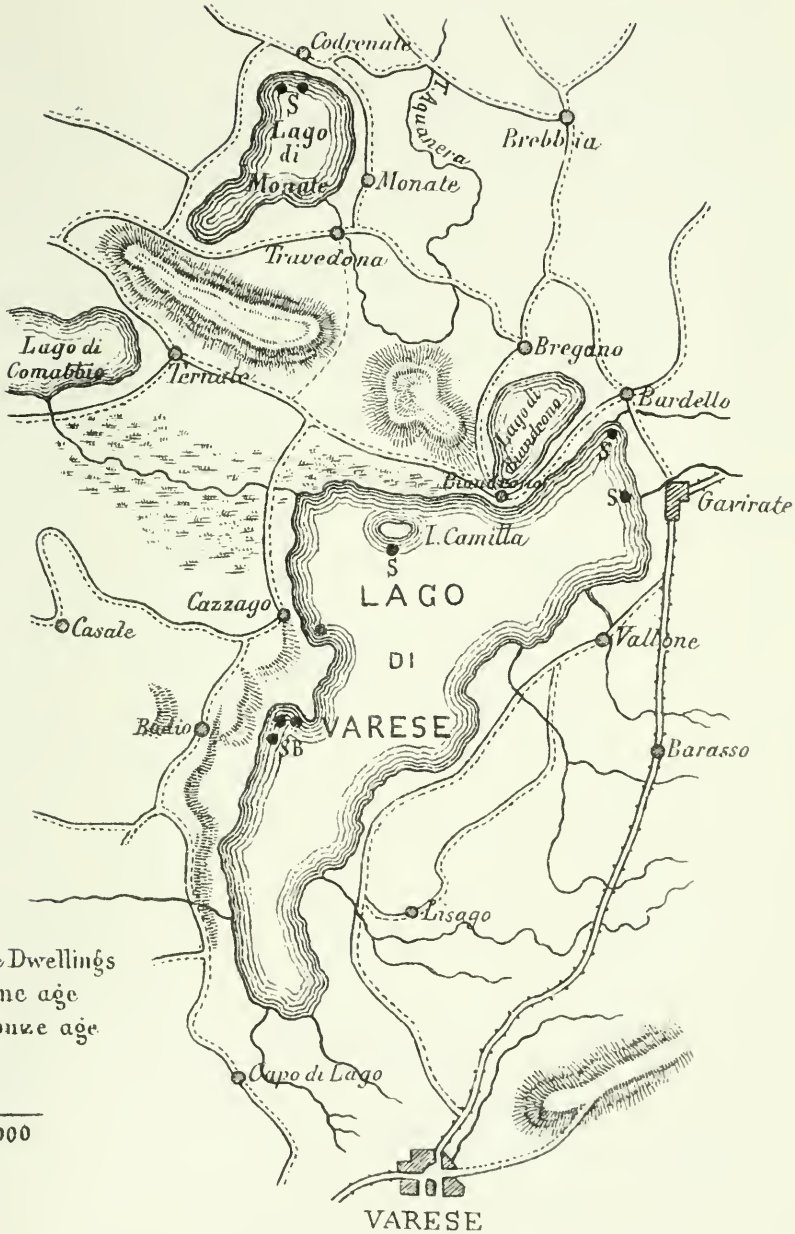
6.



BODIO LAGO DI VARESE.

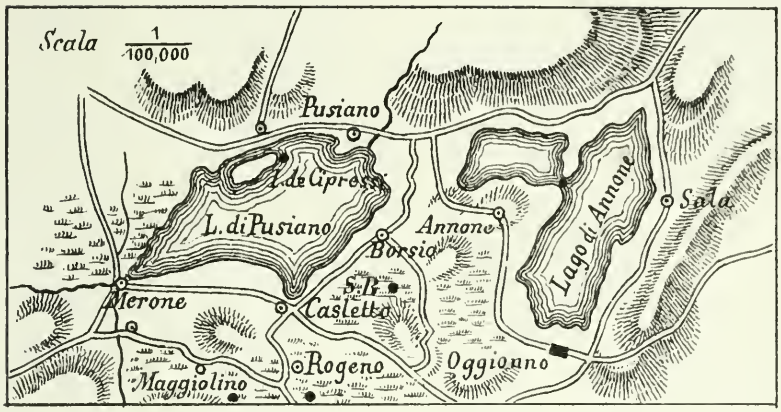


LACO DI VARESE

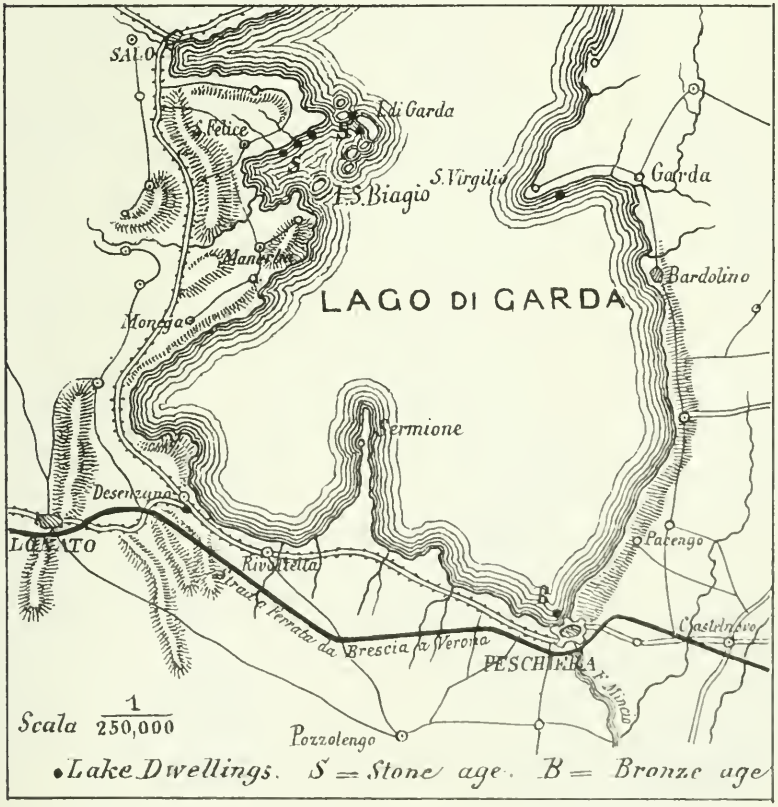


PLAN OF THE LAKES OF VARESE & MONATE

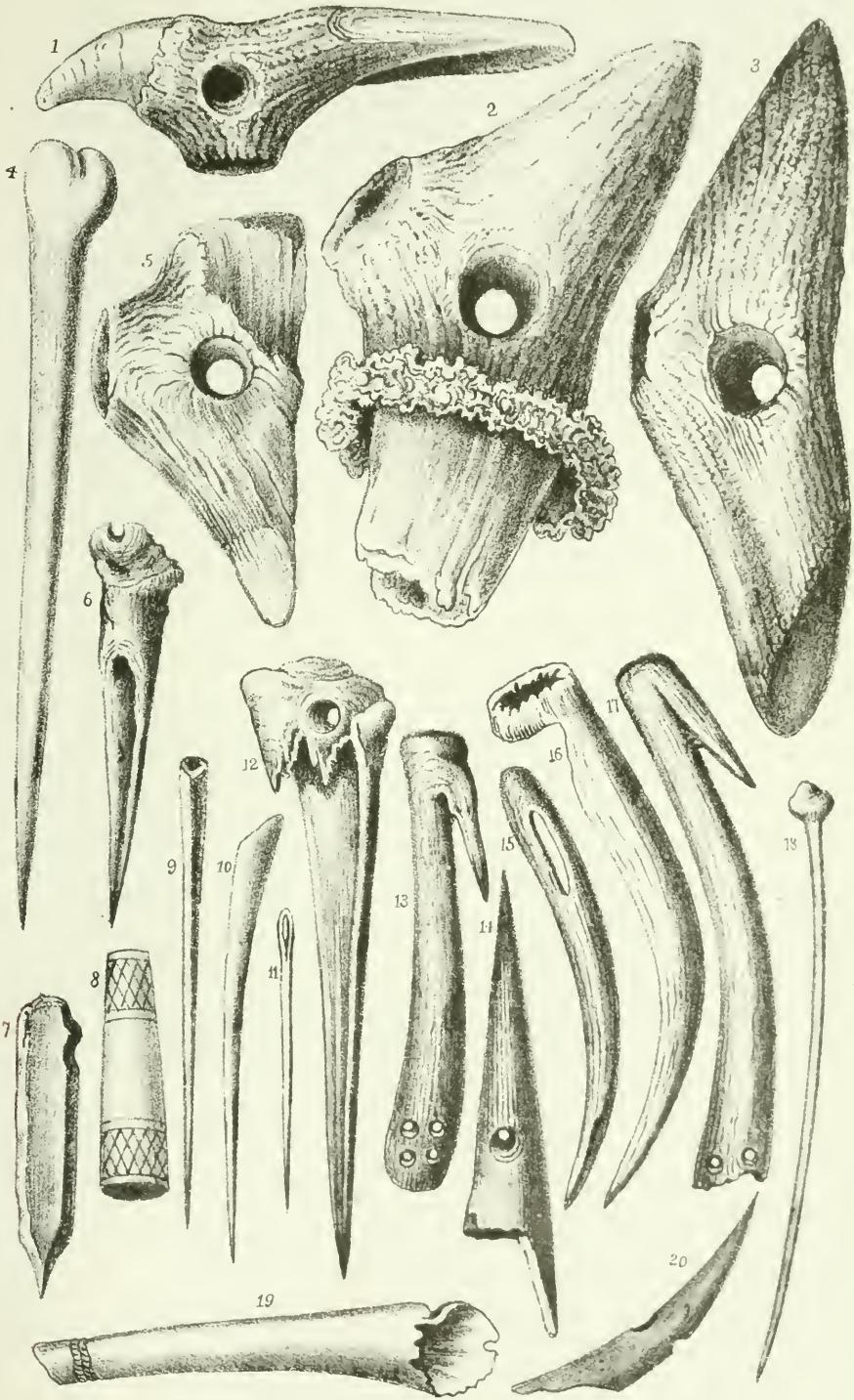
LAKE OF PUSIANO.



LAKE OF GARDA.

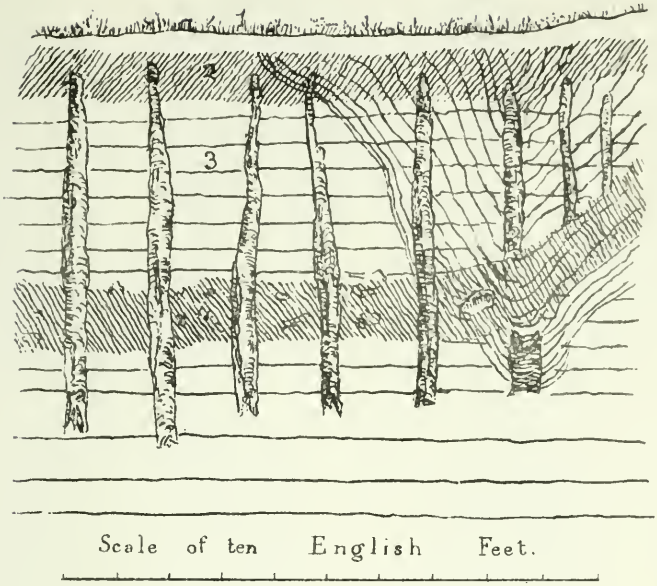


LAIBACH-MOOR.



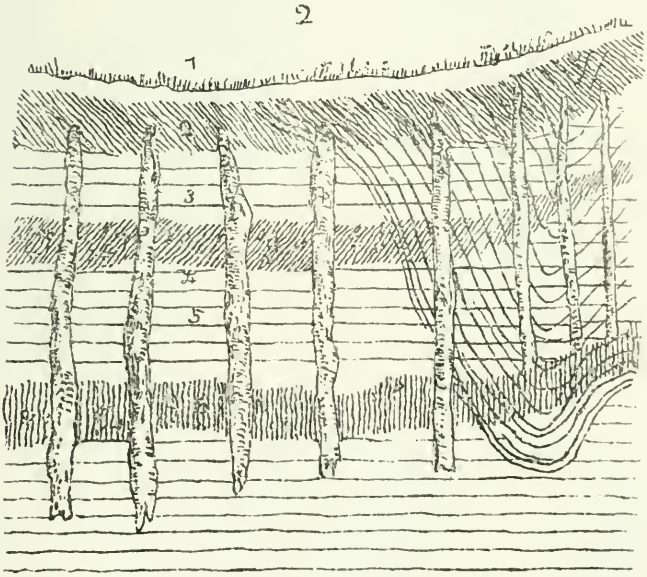
LAIBACH - MOOR.

1



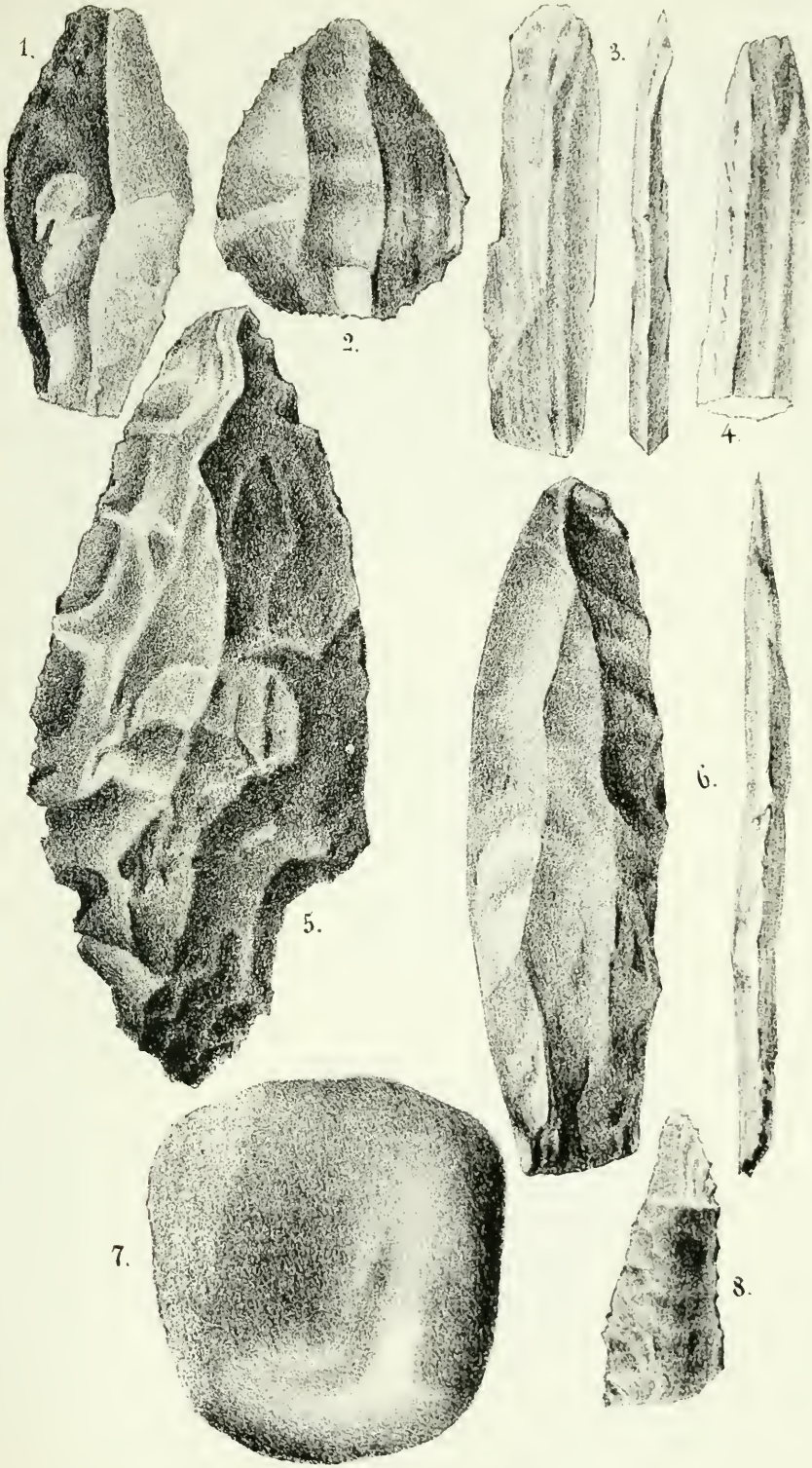
Scale of ten English Feet.

2



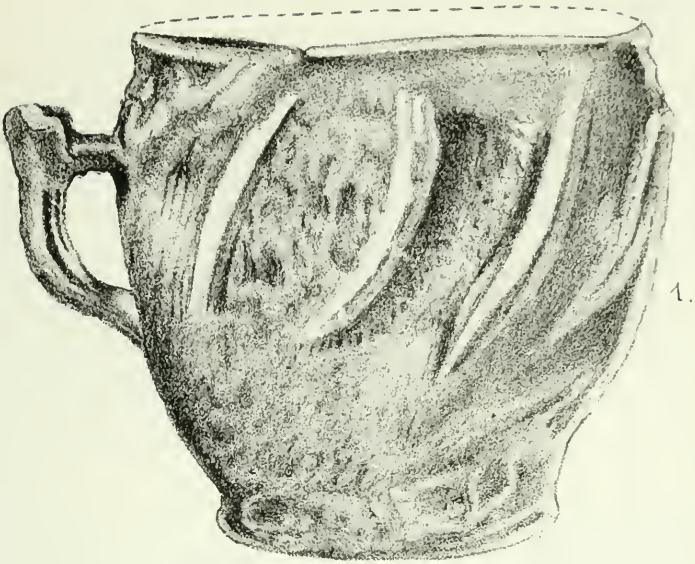
Scale of ten English Feet.

LAKE OF FIMON.



LAKE OF FIMON.

Lower Relic-bed-Stone Age.



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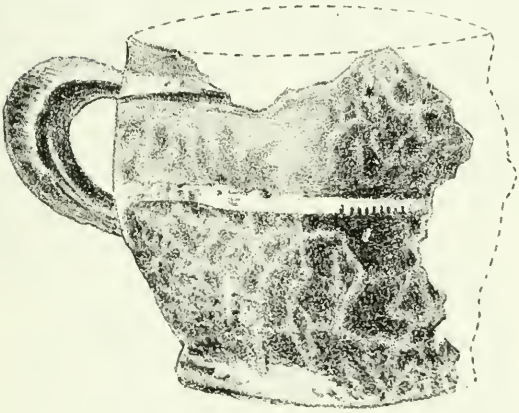

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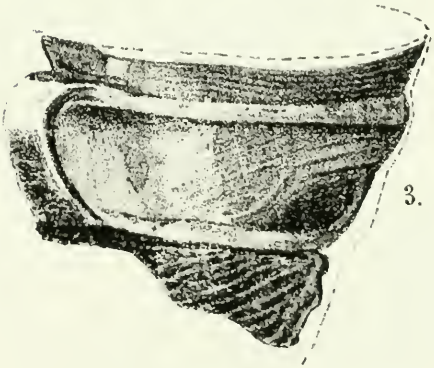
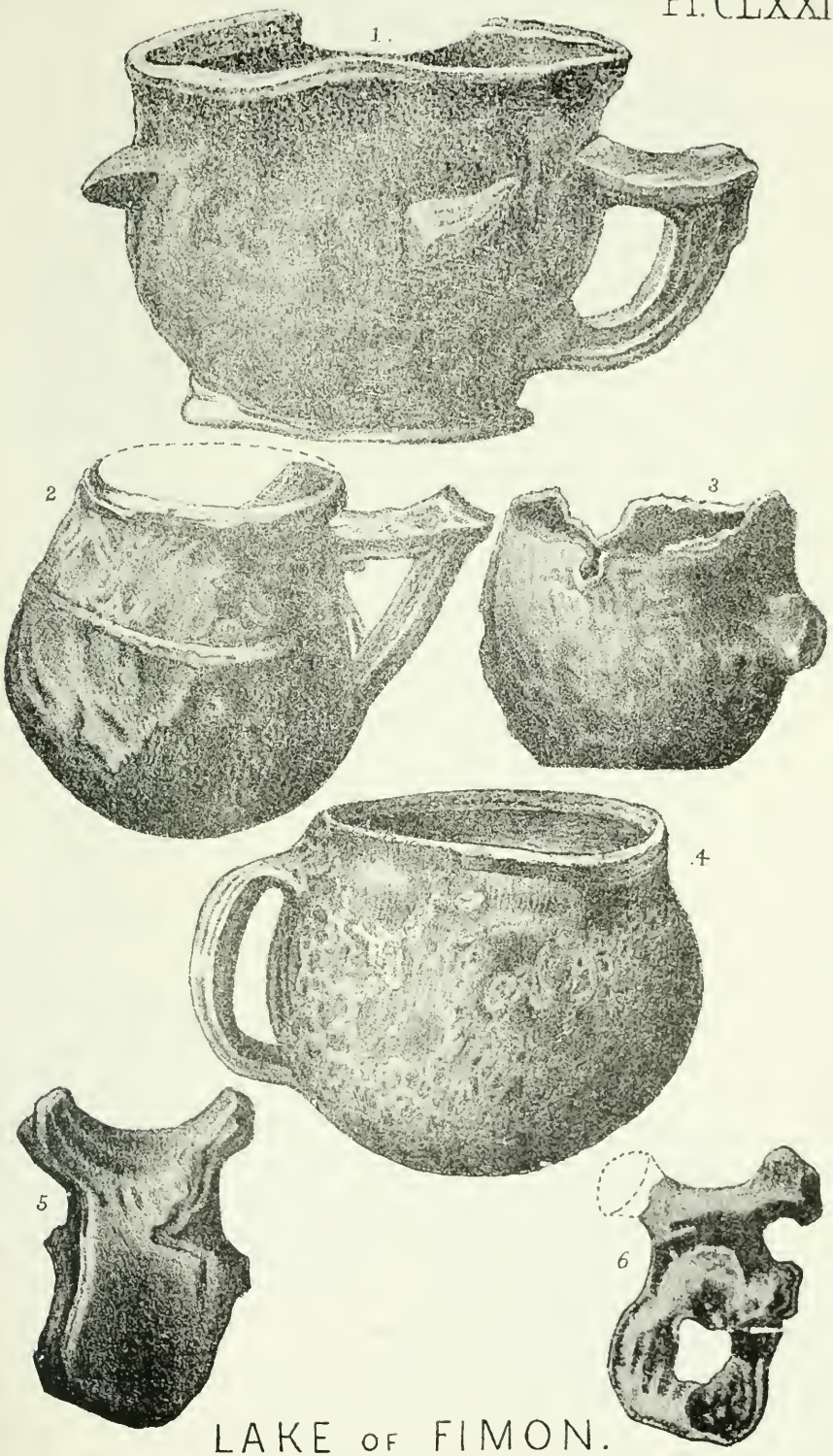


3.

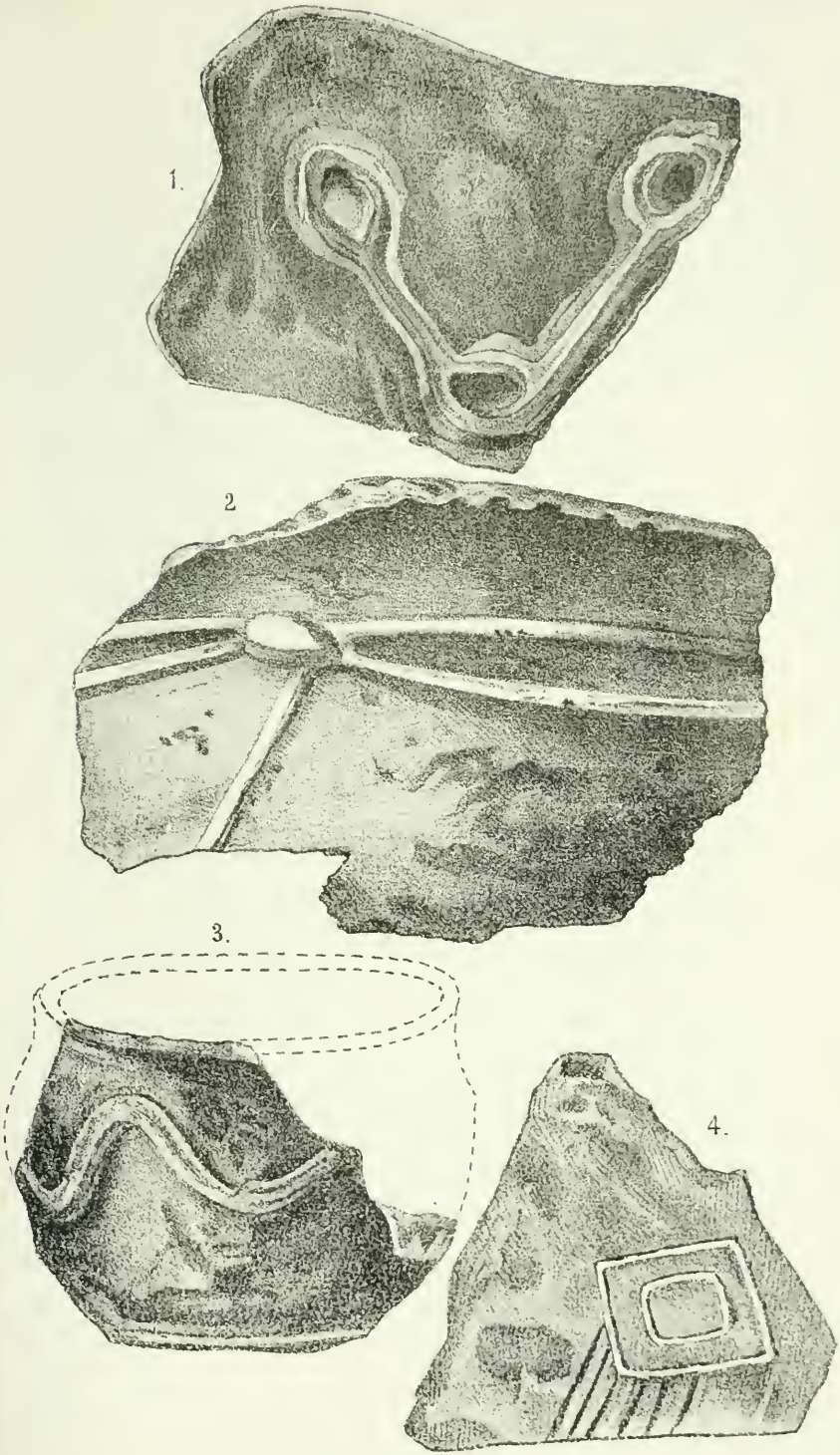
LAKE OF FIMON.

Lower Relic-bed-Stone Age.



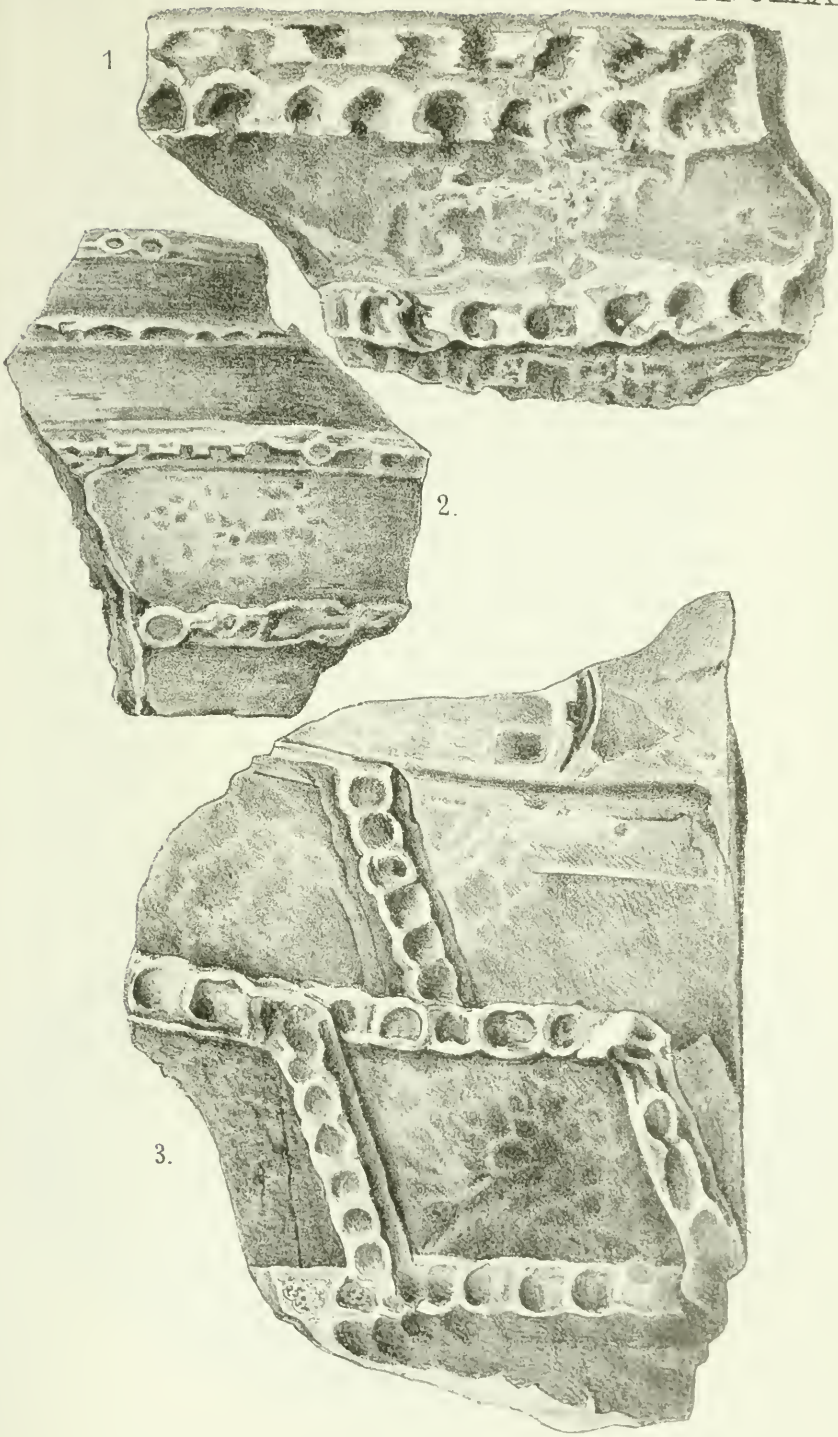
LAKE OF FIMON.

Lower Relic-bed Stone Age.



LAKE OF FIMON

Lower Relic bed. Stone Age.

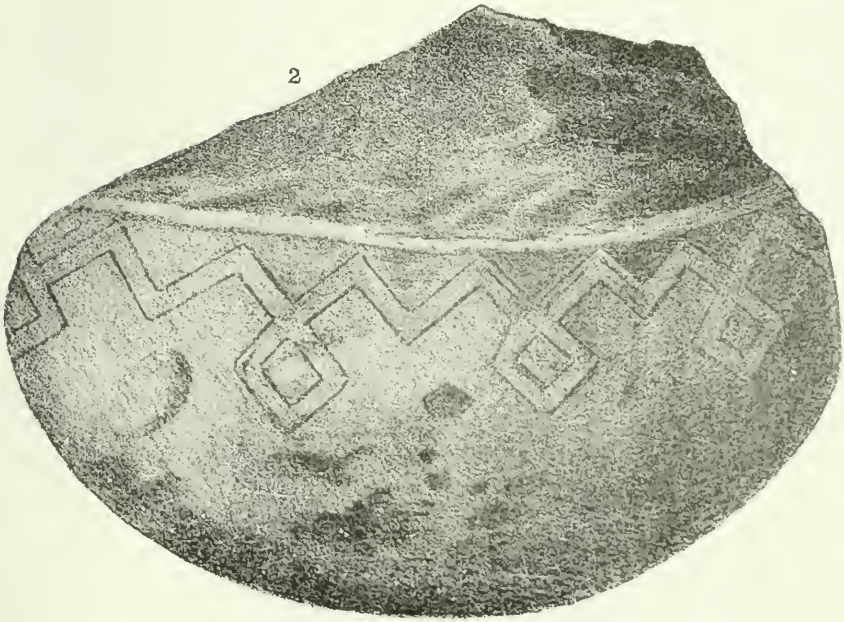


LAKE OF FIMON.

Lower Relic-bed. Stone Age.

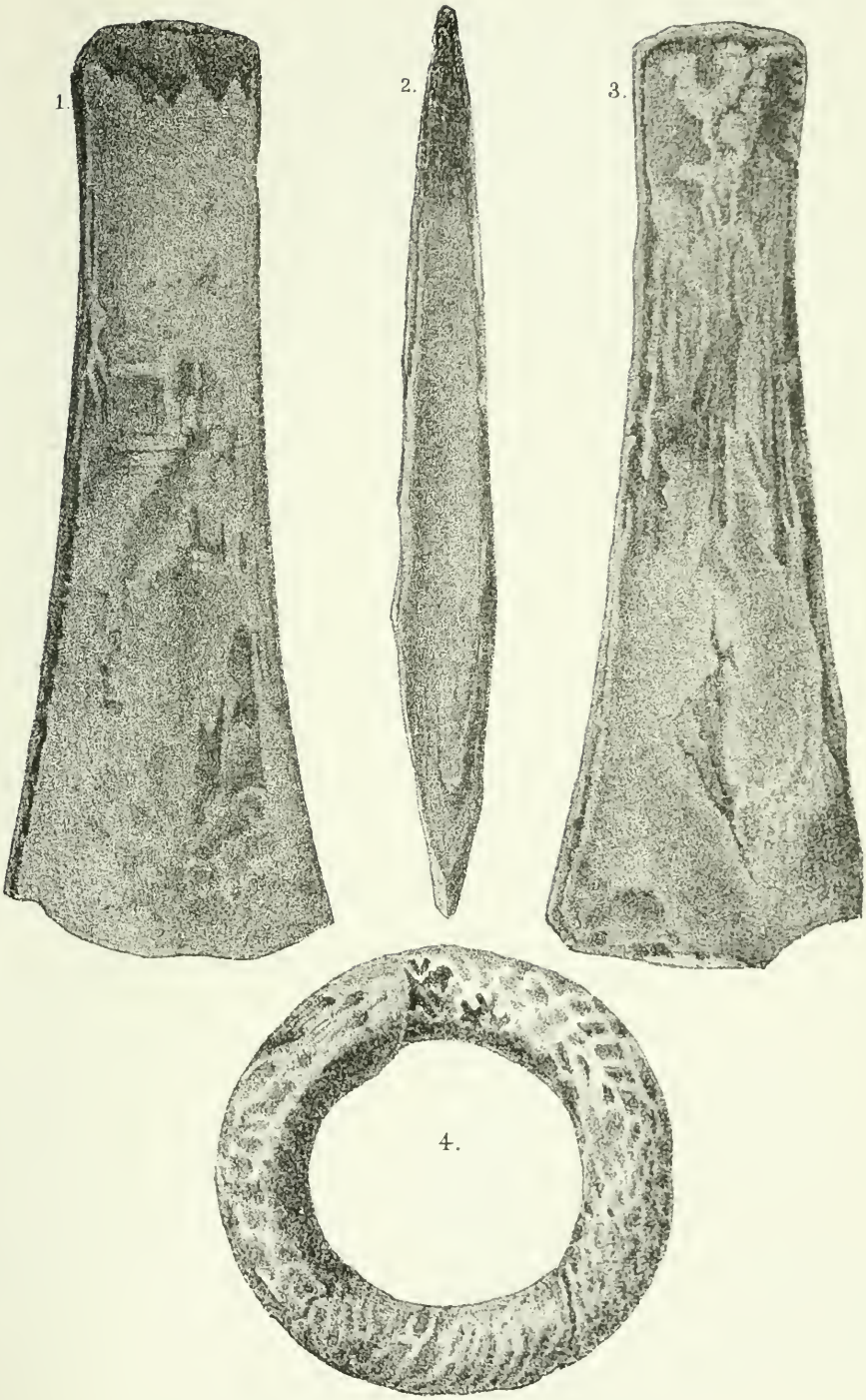
1.

2



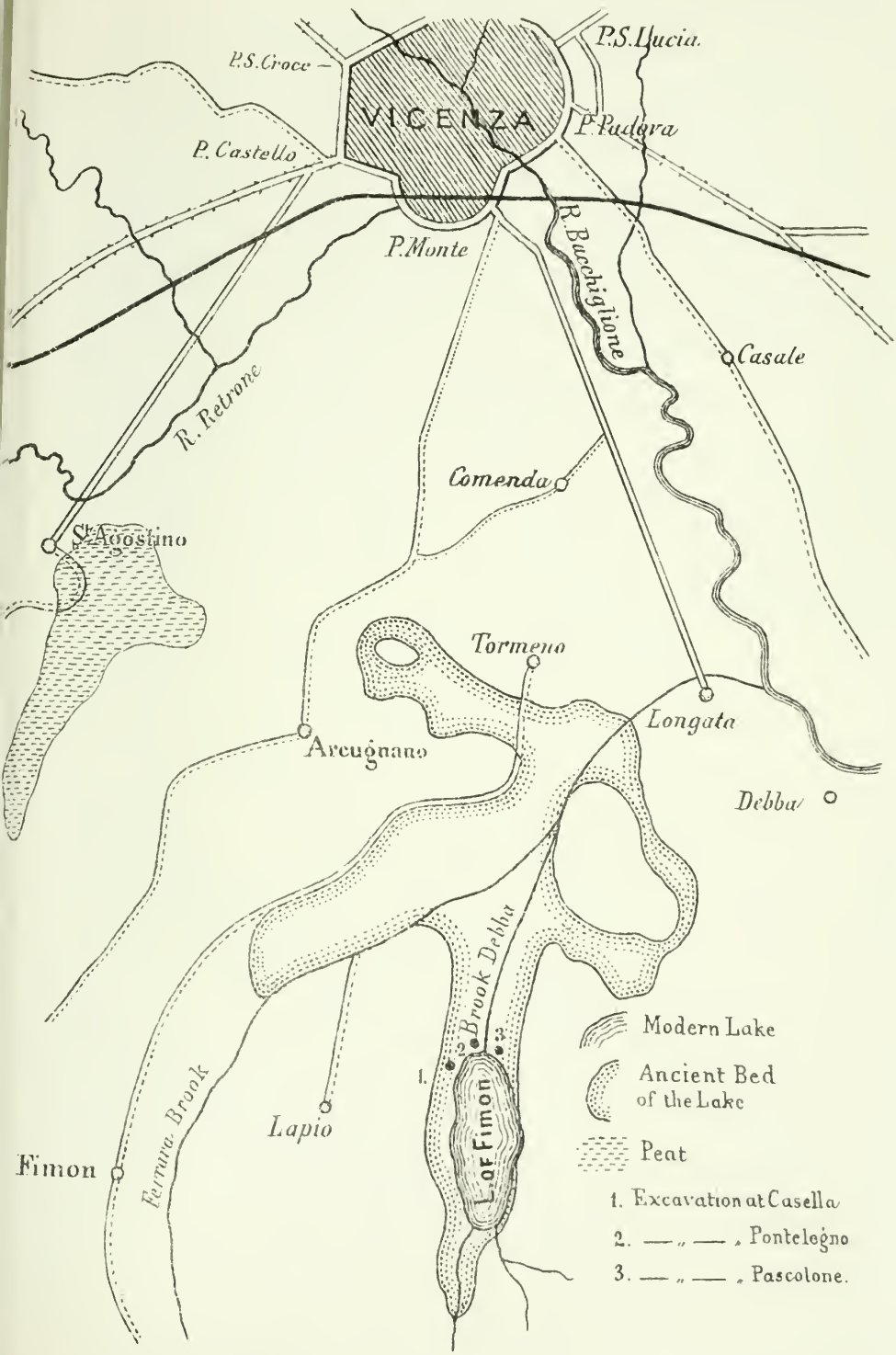
LAKE OF FIMON.

Upper Relic-bed Bronze Age.

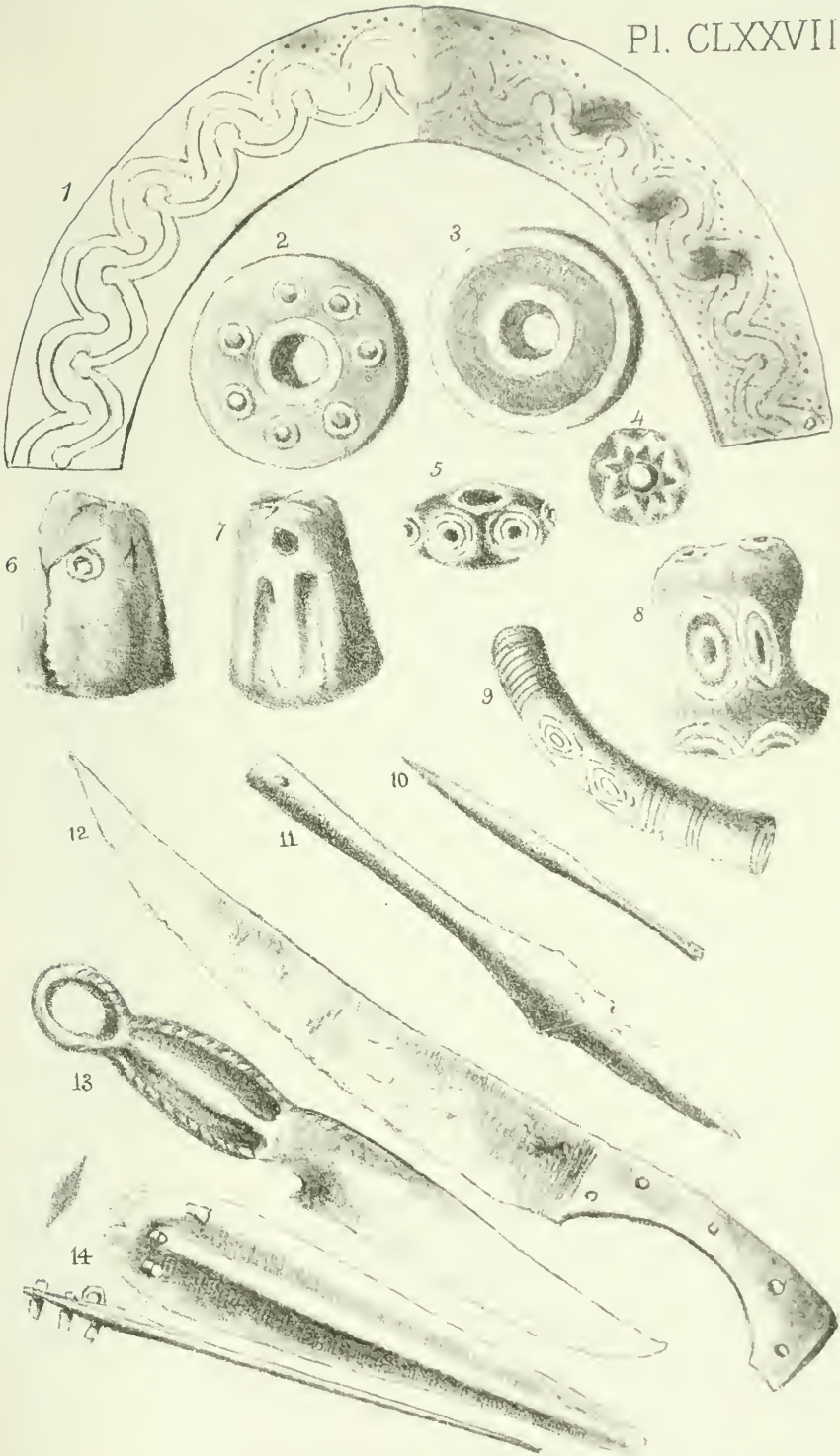


LAKE OF FIMON

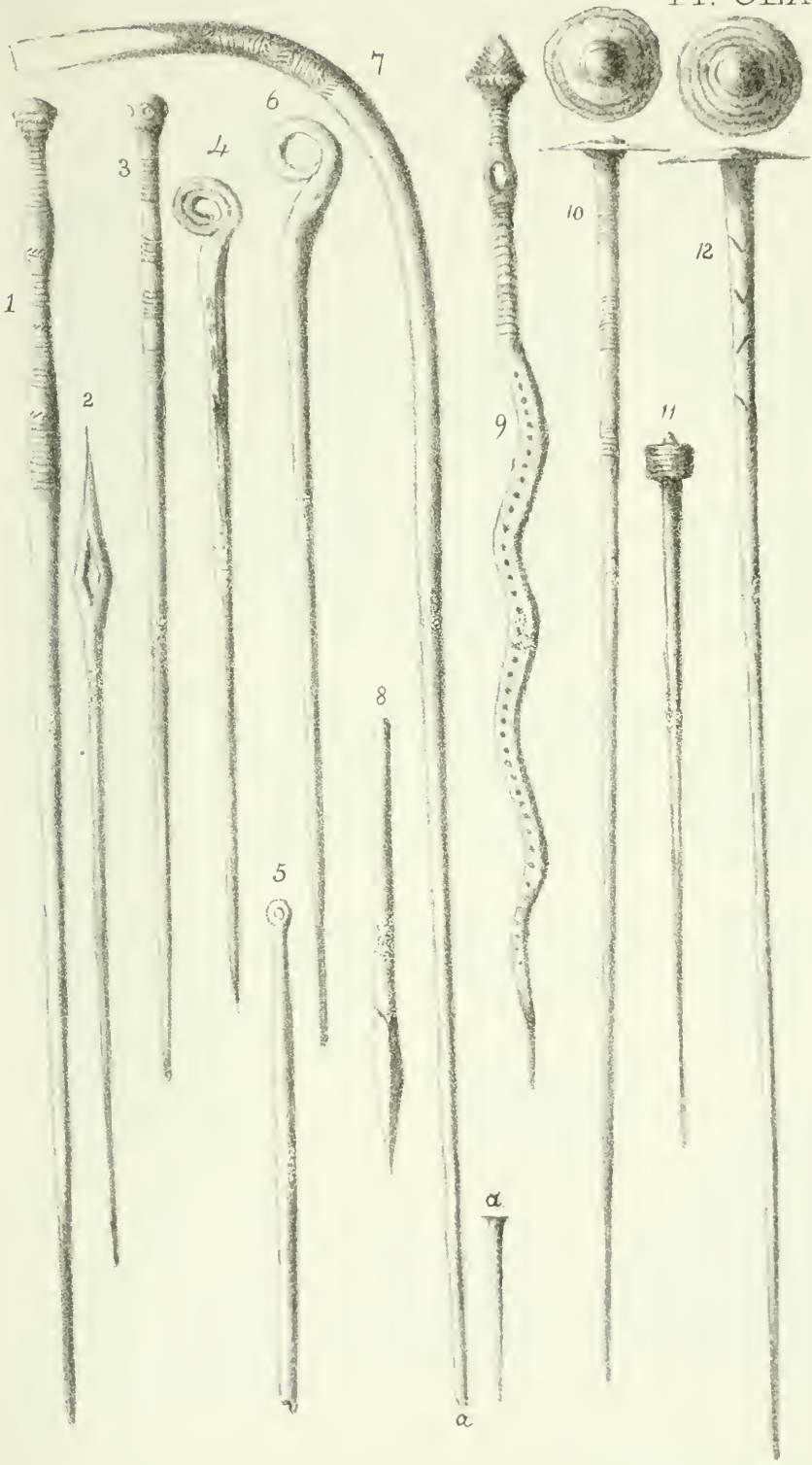
Upper Relic-bed Bronze Age.



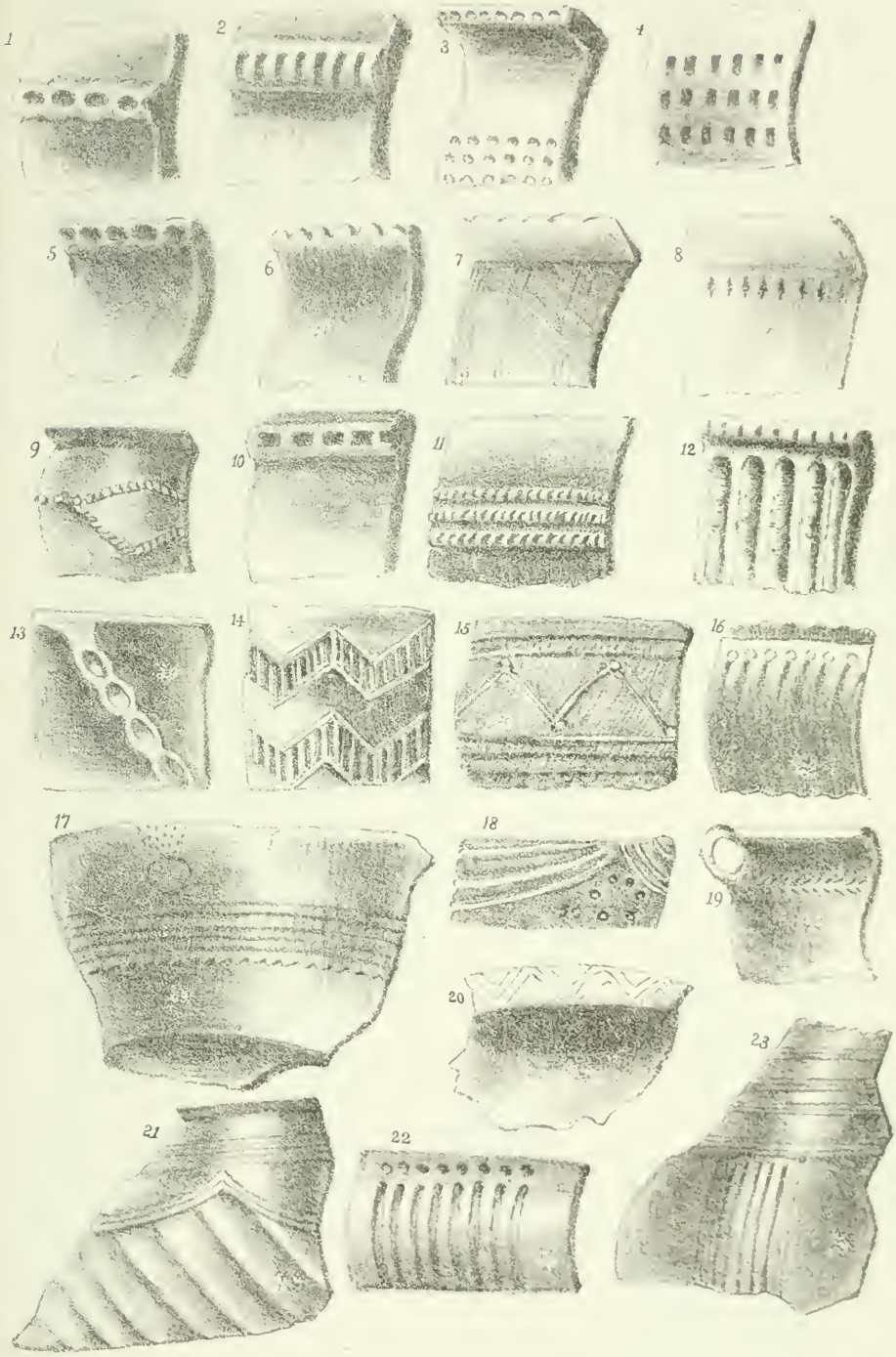
DISTRICT near the LAKE OF FIMON.



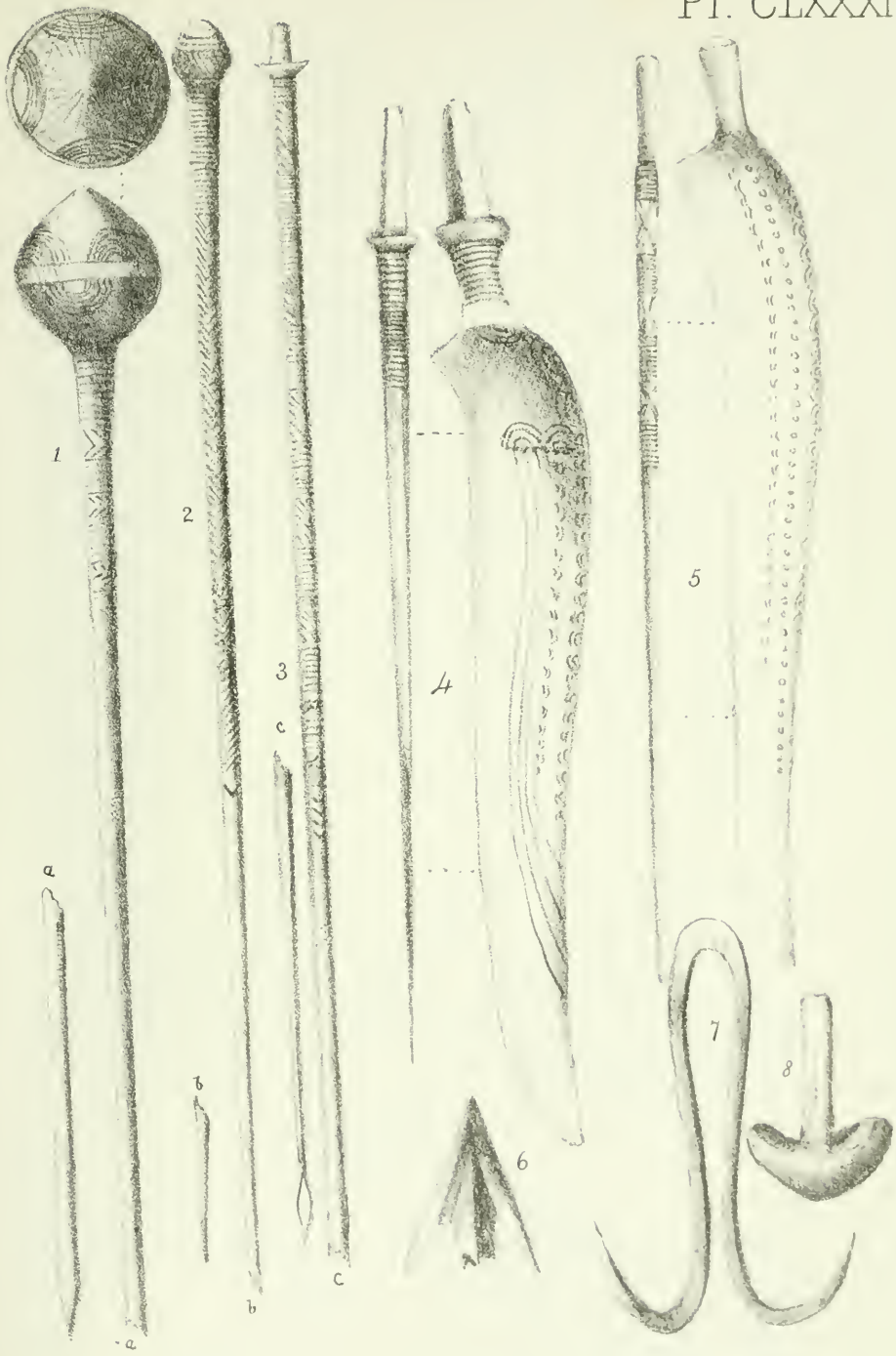
LAKE OF STARNBERG *(Rosen Insel.)*



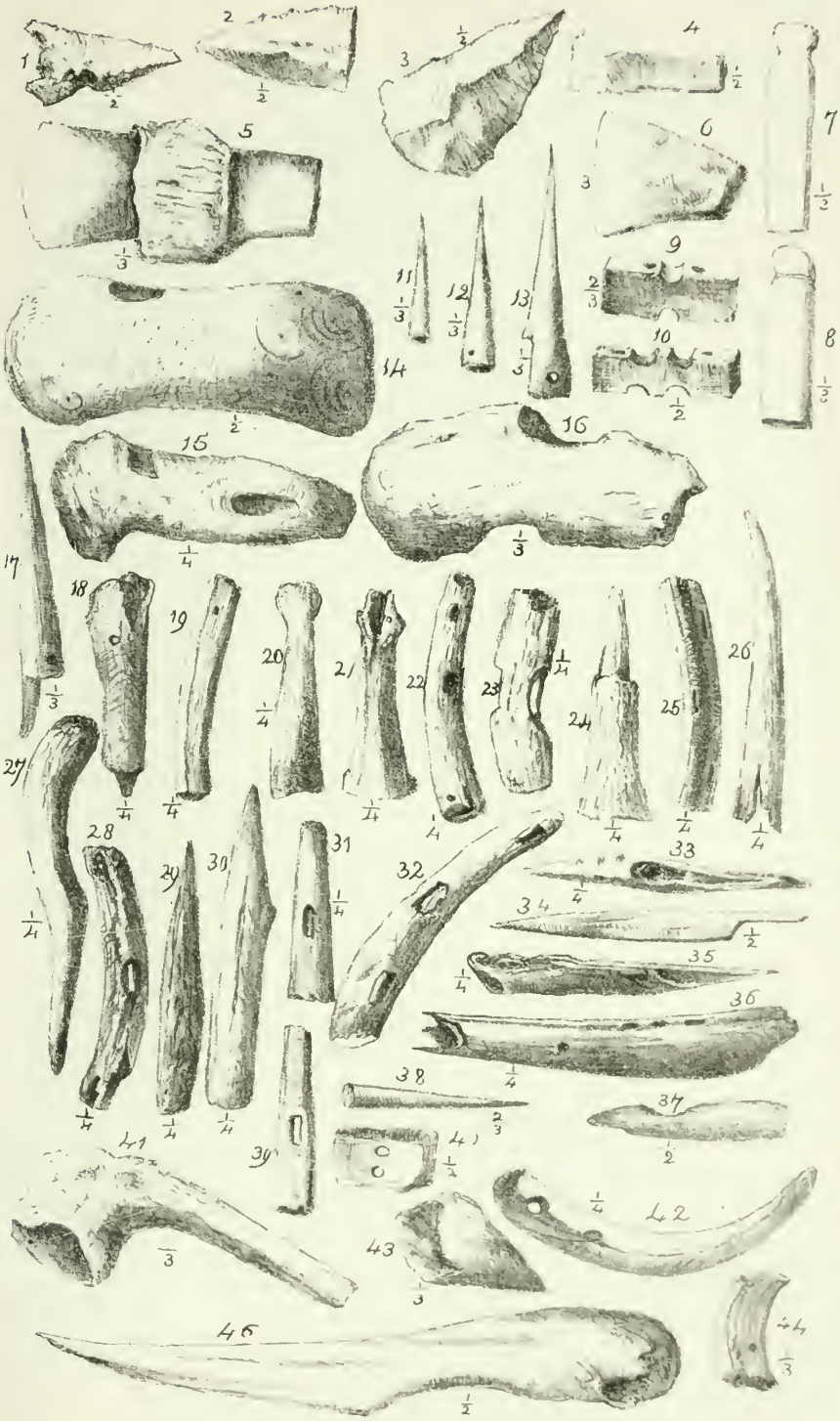
LAKE OF STARNBERG (*Rosen Insel.*)



LAKE OF STARNBERG. (*Rosen Insel.*)



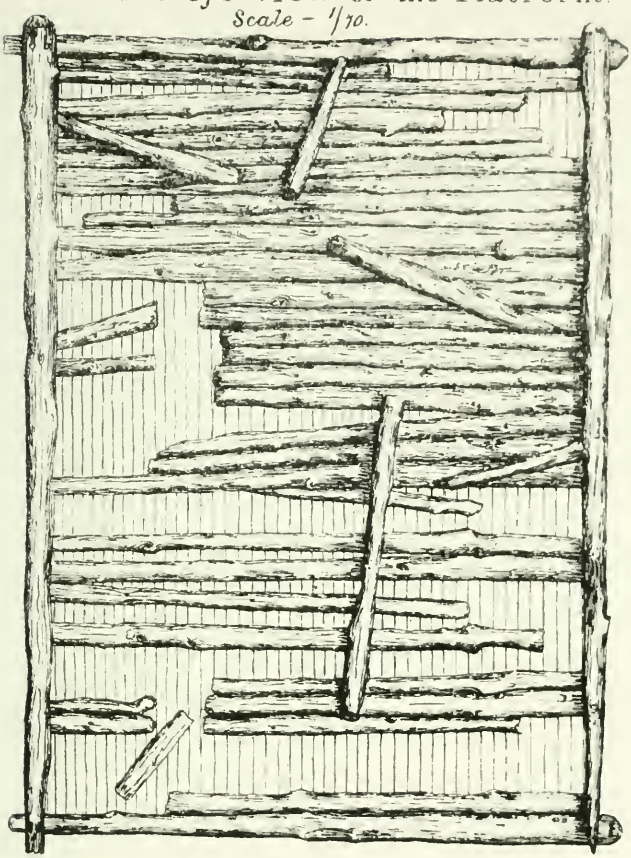
LAKE OF STARNBERG (*Rosen Insel.*)



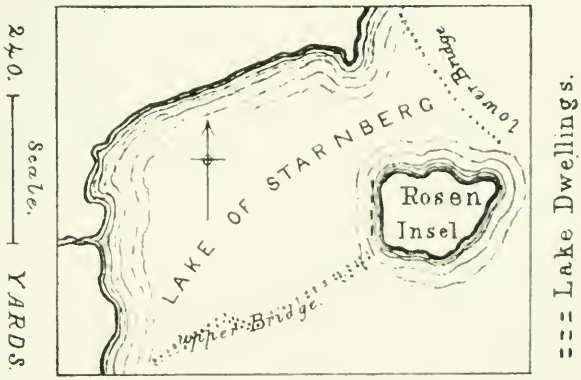
LAKE OF STARNBERG. (*Rosen Insel.*)

Birds eye view of the Platform.

Scale - 1/70.

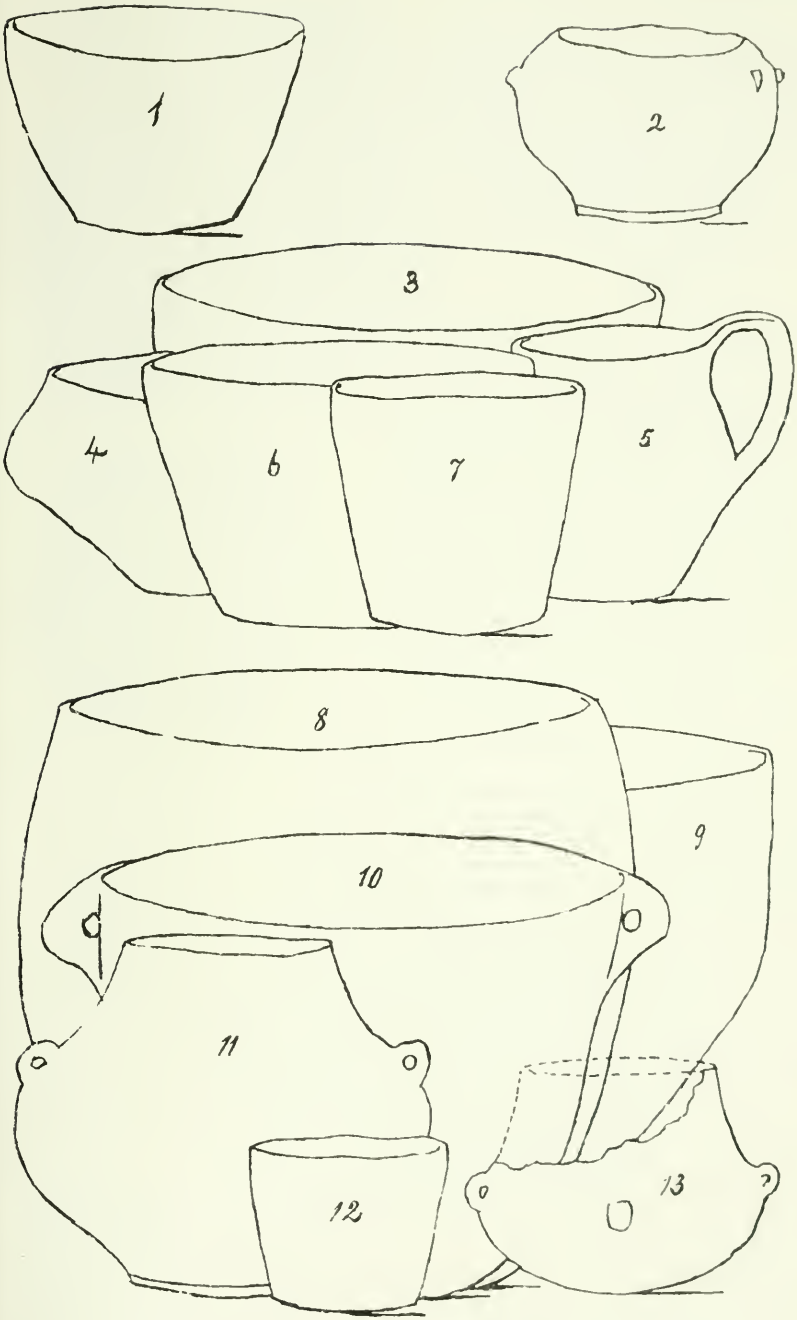


PLAN.



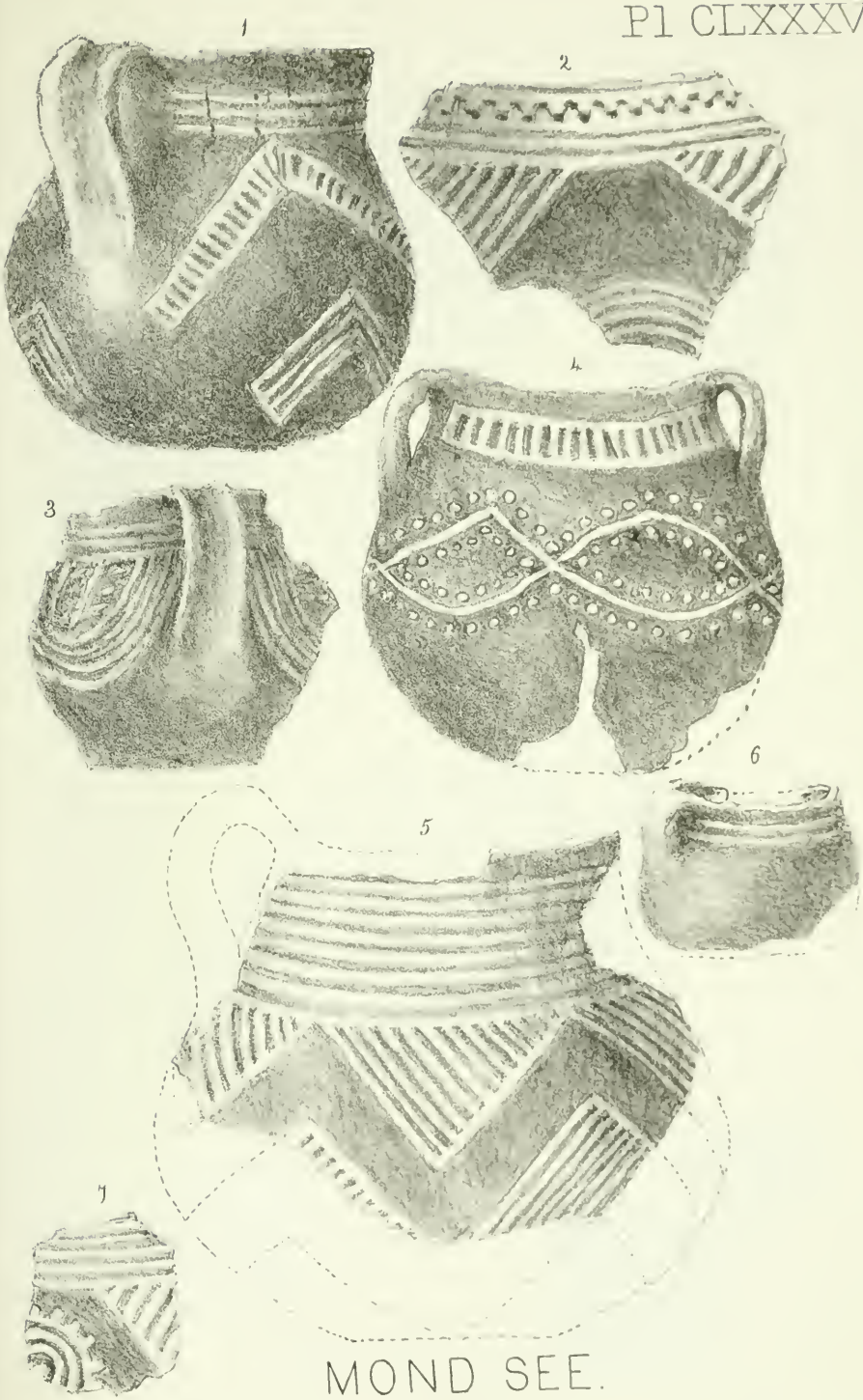
LAKE OF STARNBERG.

Rosen Insel.



MOND SEE.

Forms of Earthenware Vessels without any ornamentation.



MOND SEE.

Pottery.

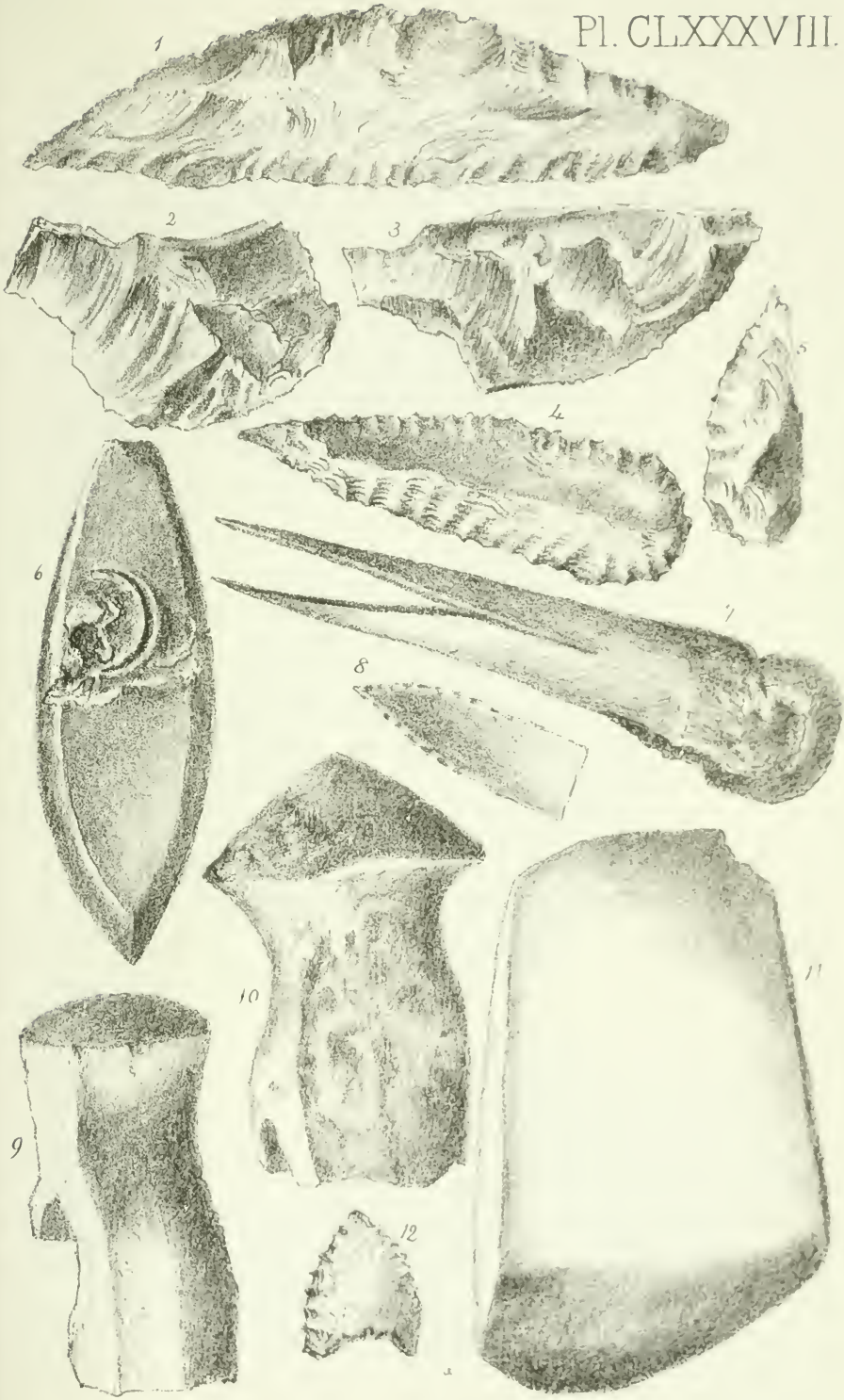
Pl CLXXXVI

MOND SEE.

Pl. CLXXXVII

MOND SEE.

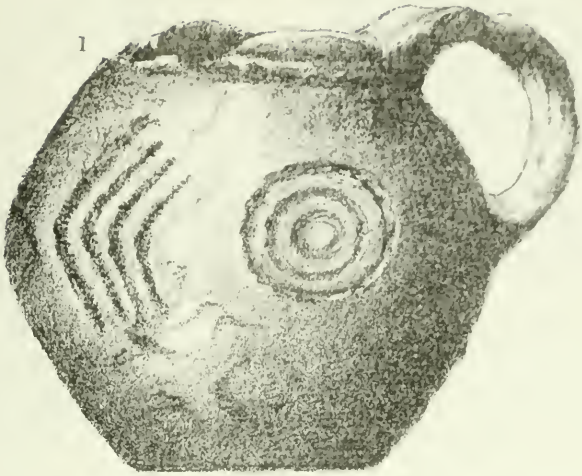
Pl. CLXXXVIII.



MOND SEE.

PI. CLXXXIX.

1



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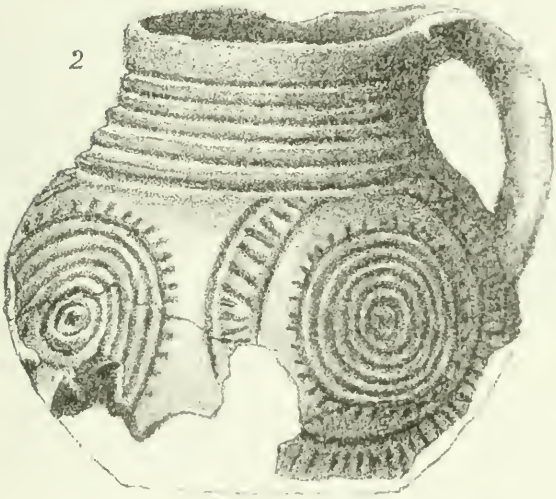

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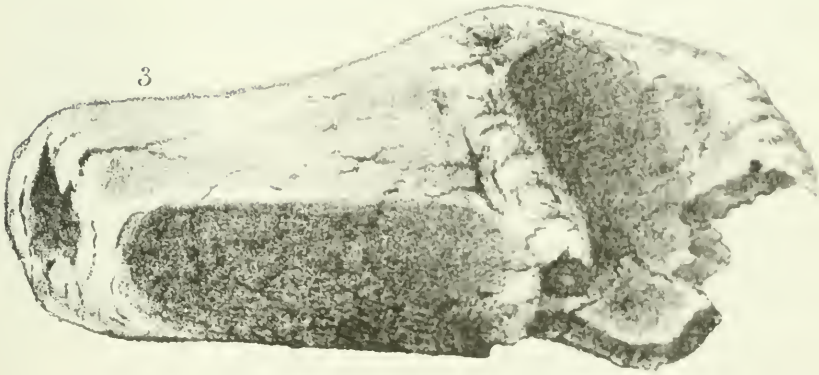
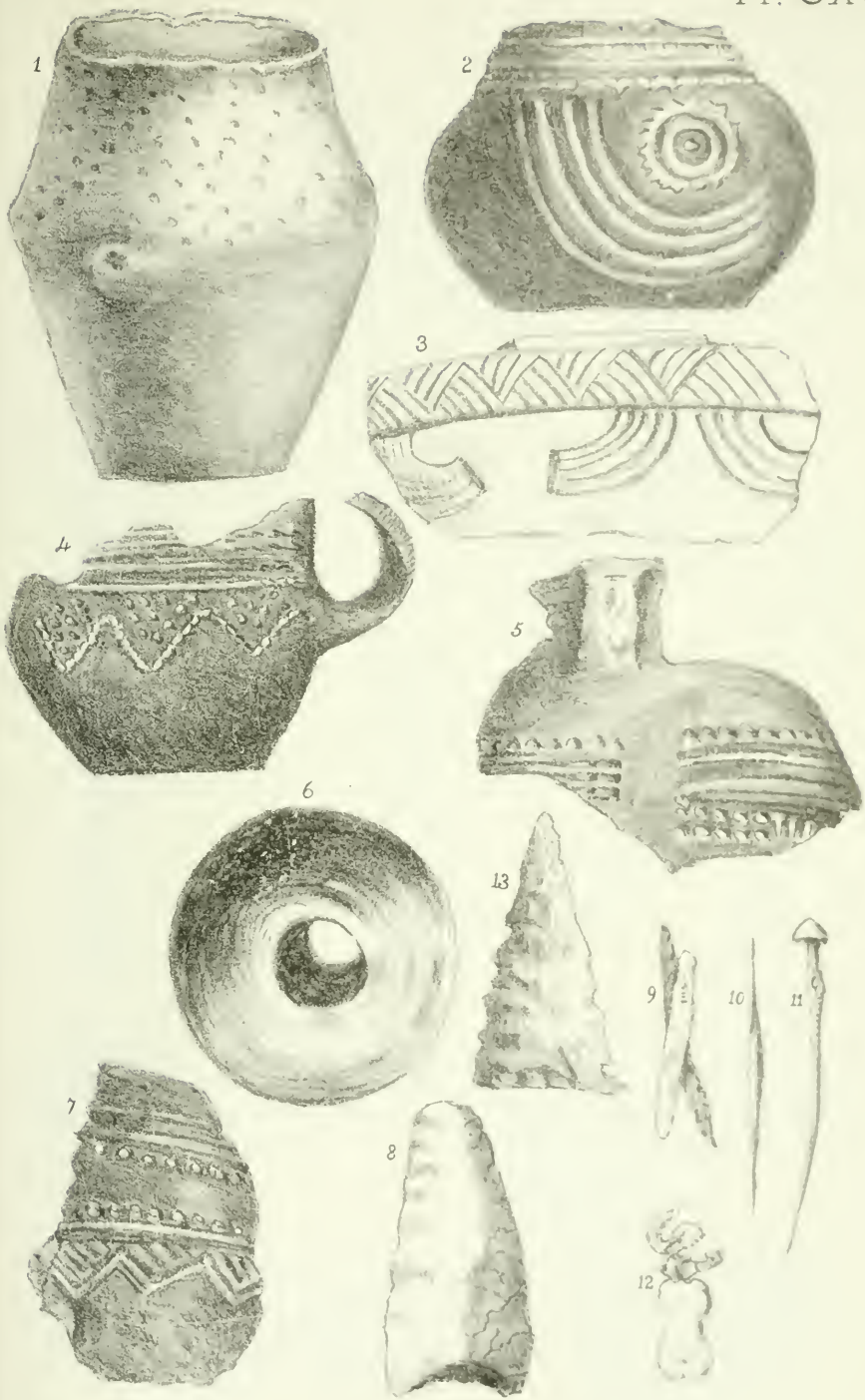
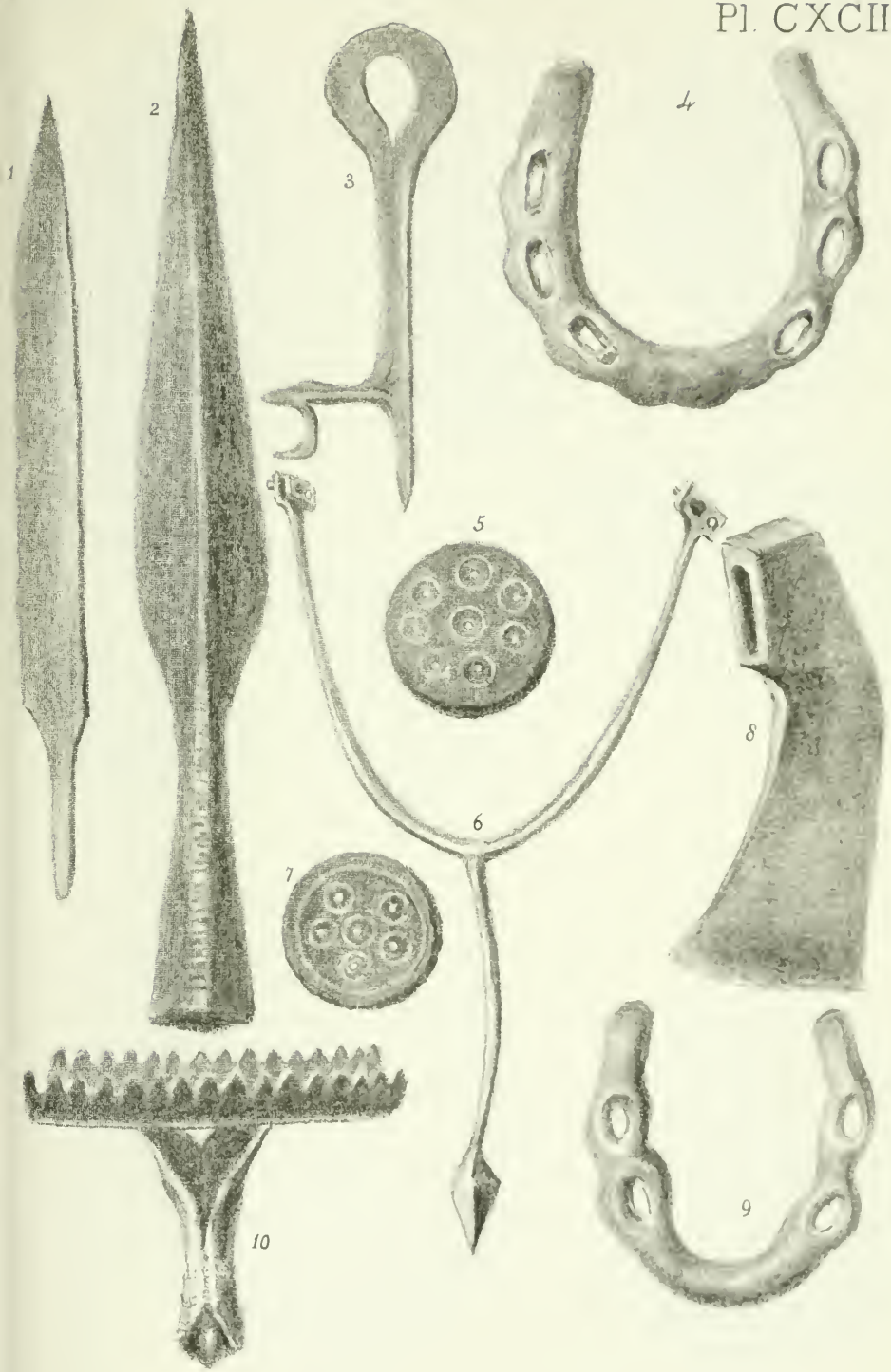


MOND SEE.



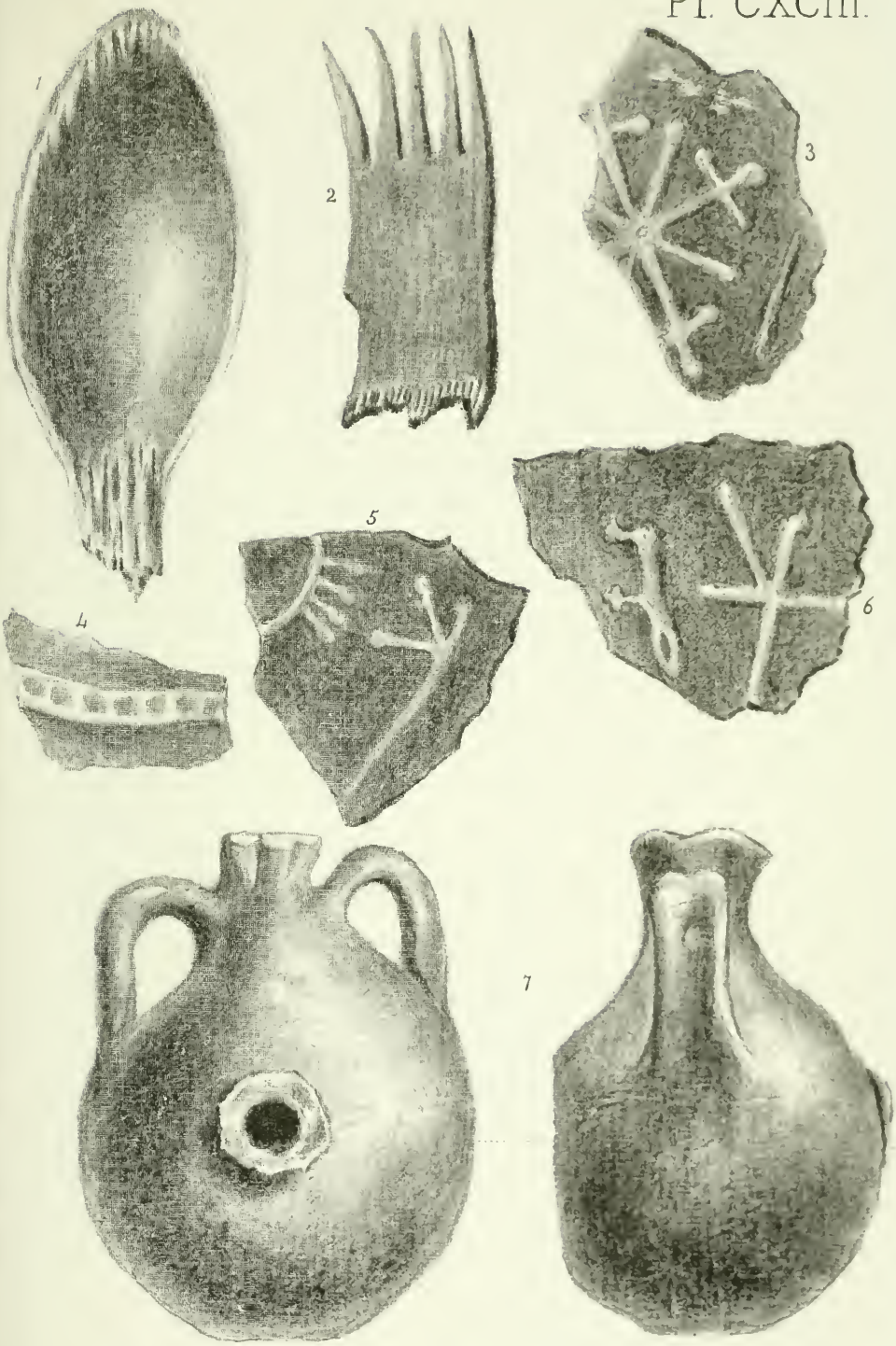
ATTER SEE.

ATTER SEE.



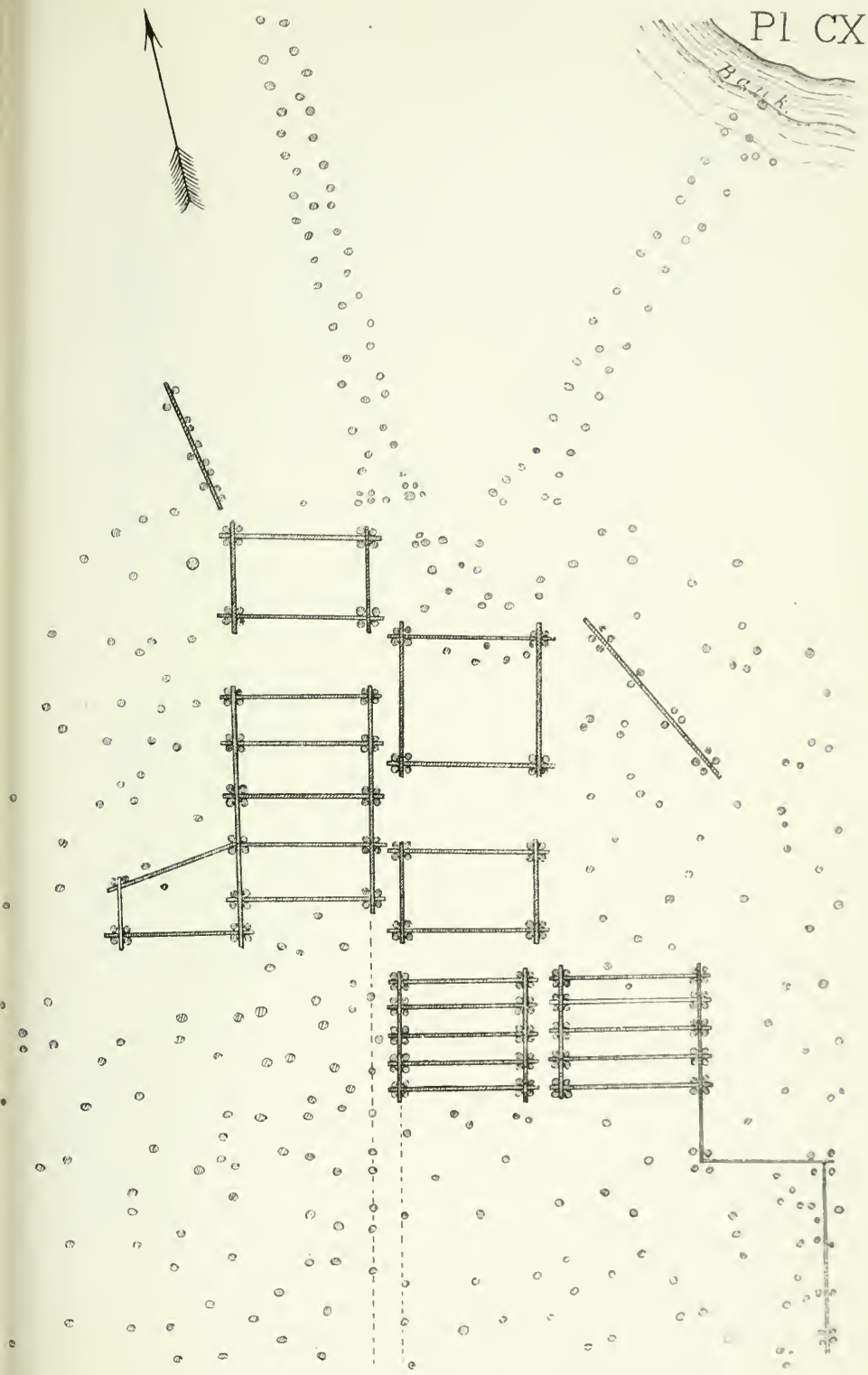
LAKE OF PALADRU.

All ½ Size.



LAKE OF PALADRU.

All ½ Size.

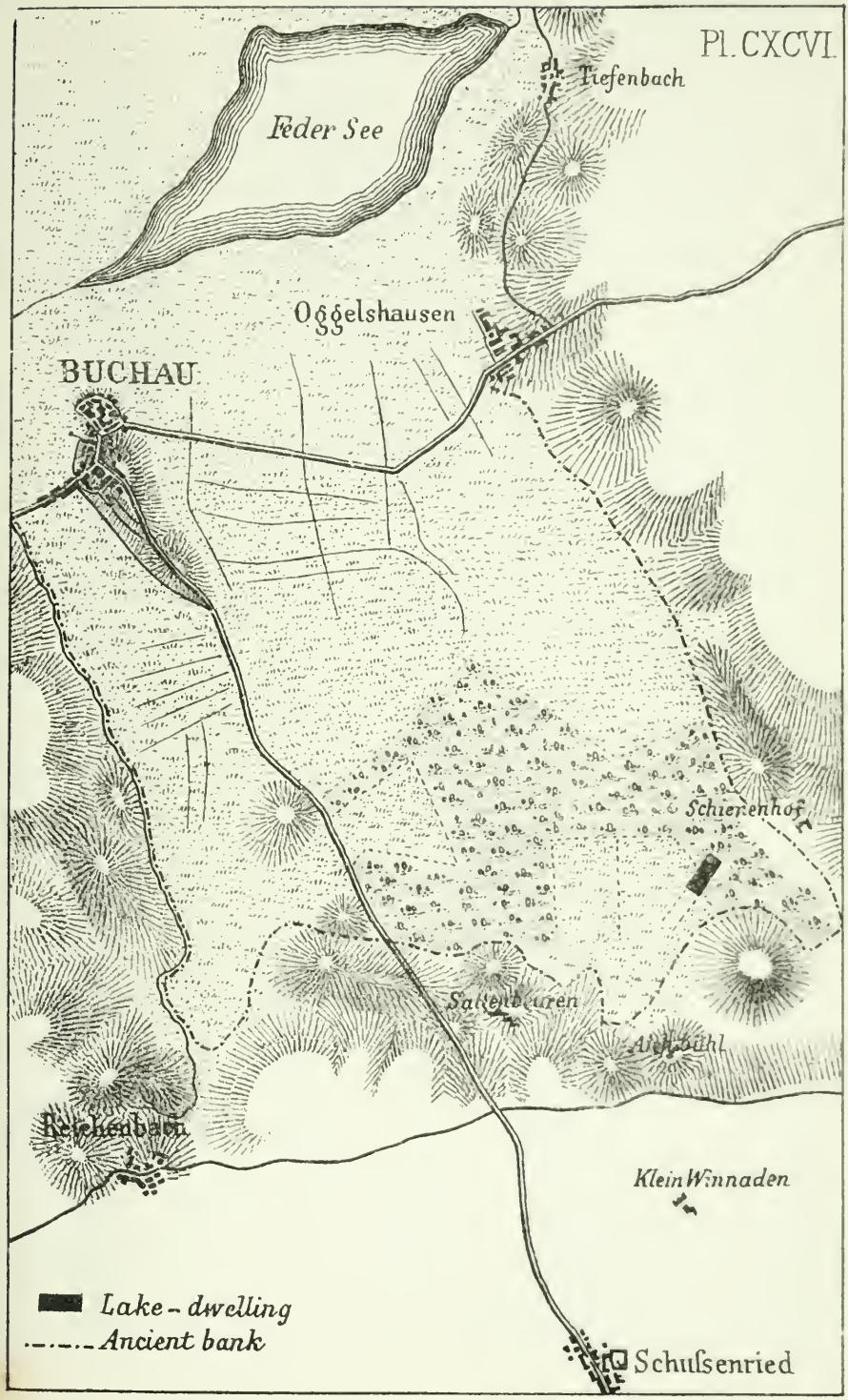


GRANDS ROSEAUX. (*Lake of Paladru.*)

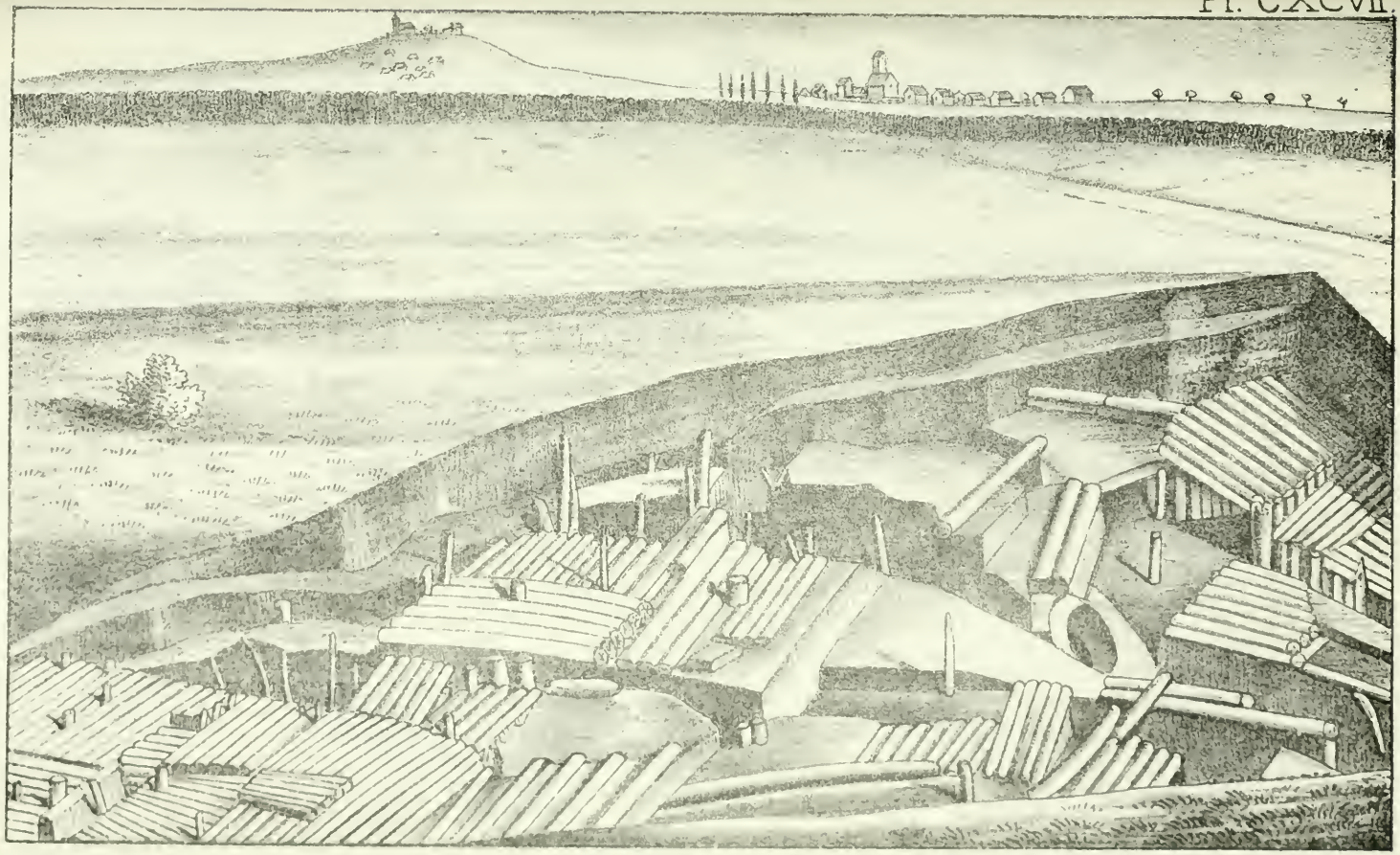
SCALE. — $\frac{1}{500}$.

LAKE OF PALADRU.

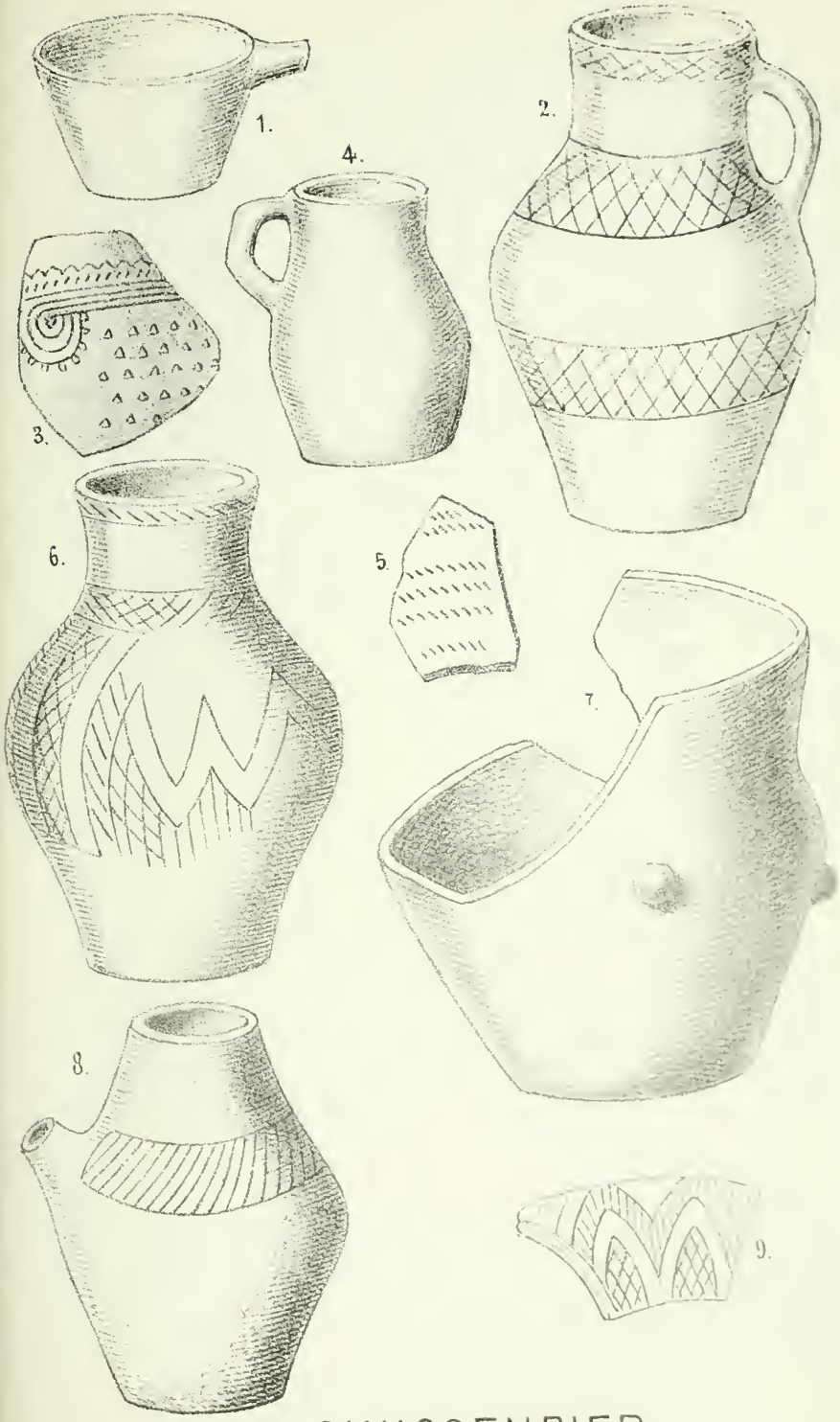
Scale. $\frac{1}{40.000}$.



DISTRICT of the FEDERSEE

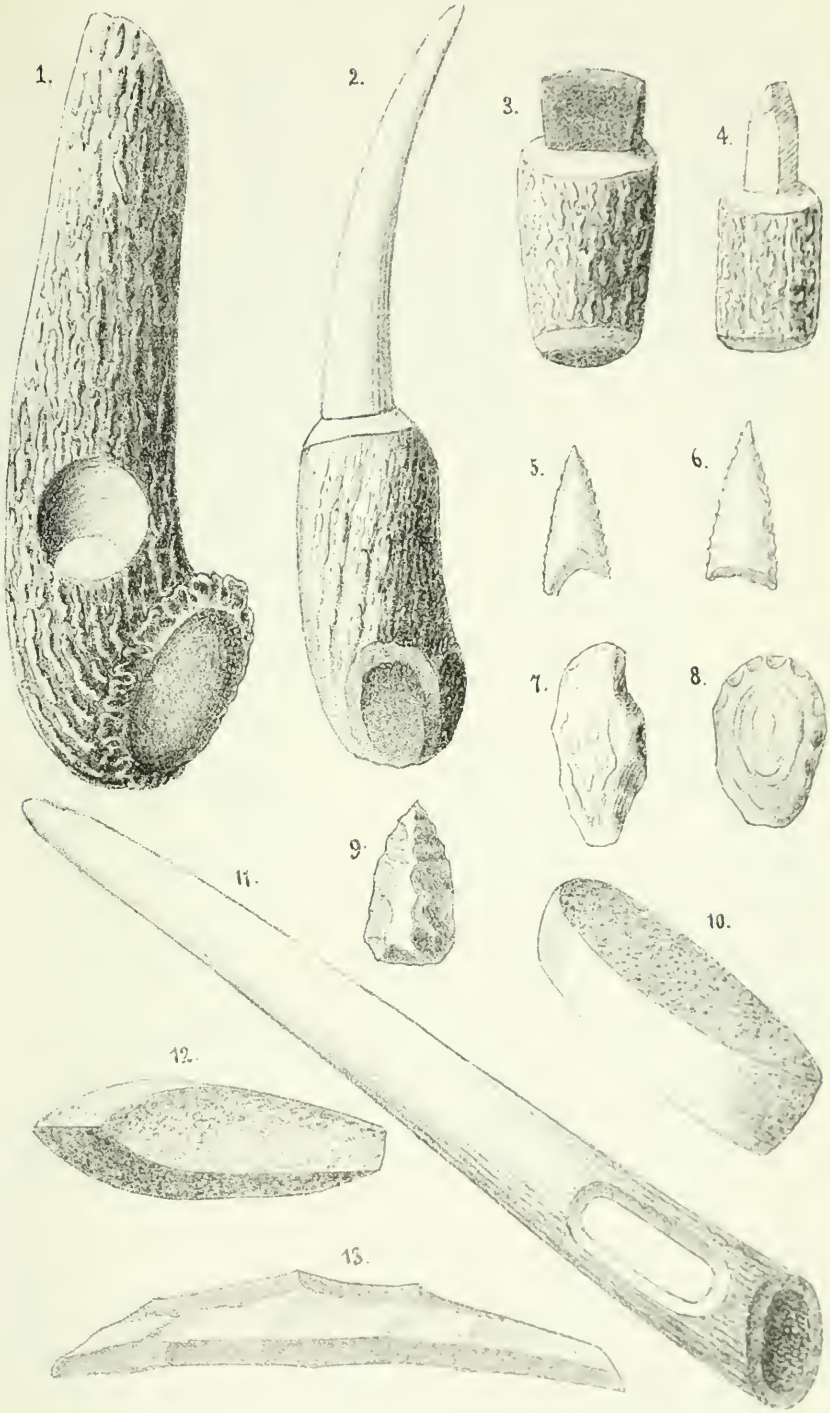


LAKEDWELLING of SCHUSSENRIED.



SCHUSSENRIED.

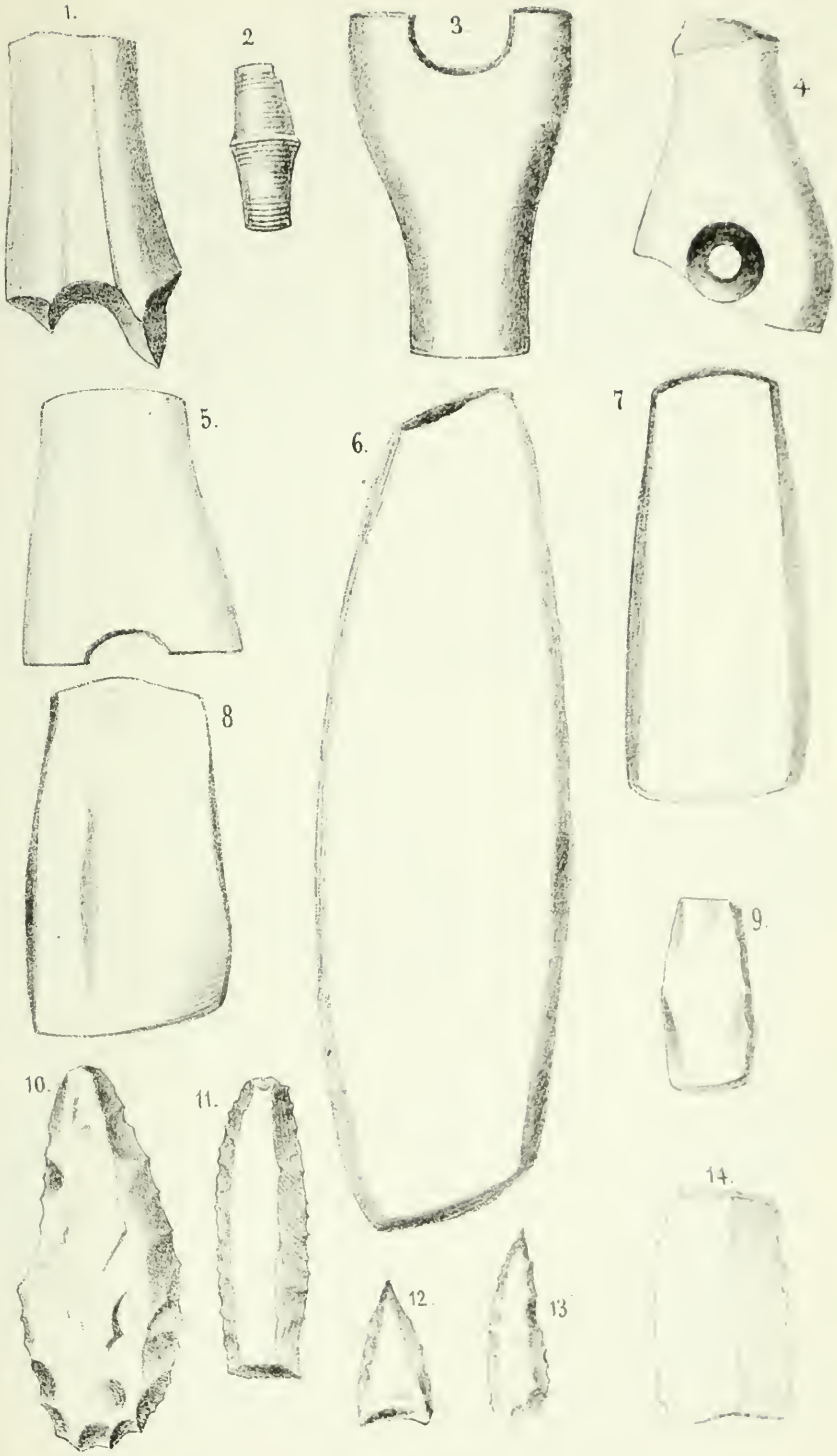
Pottery – all ½ Size.



SCHUSSENRIED.

Horn & Stone. all ½ Size

SCHUSSENRIED &c.

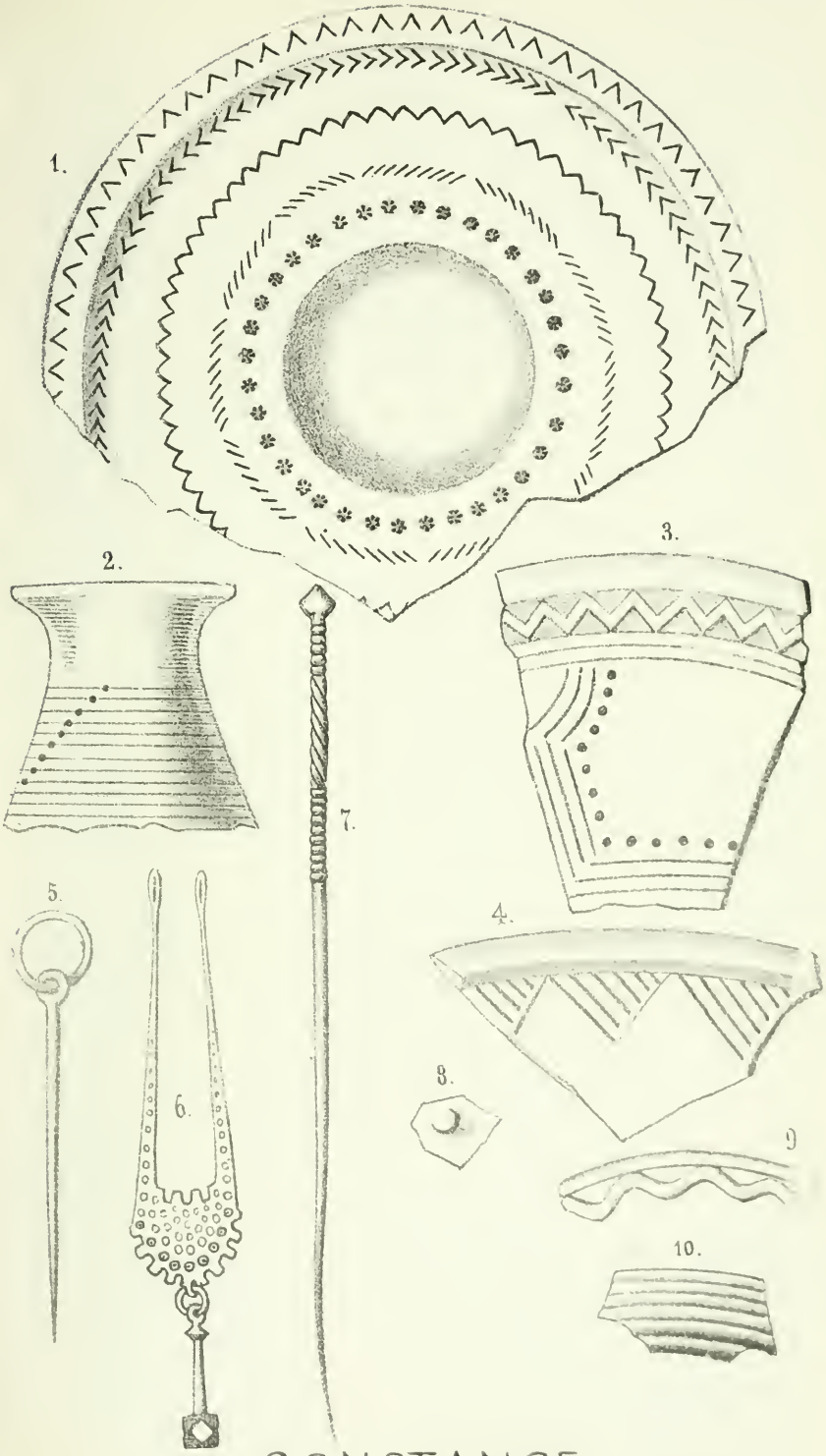


CONSTANCE.

Half Size

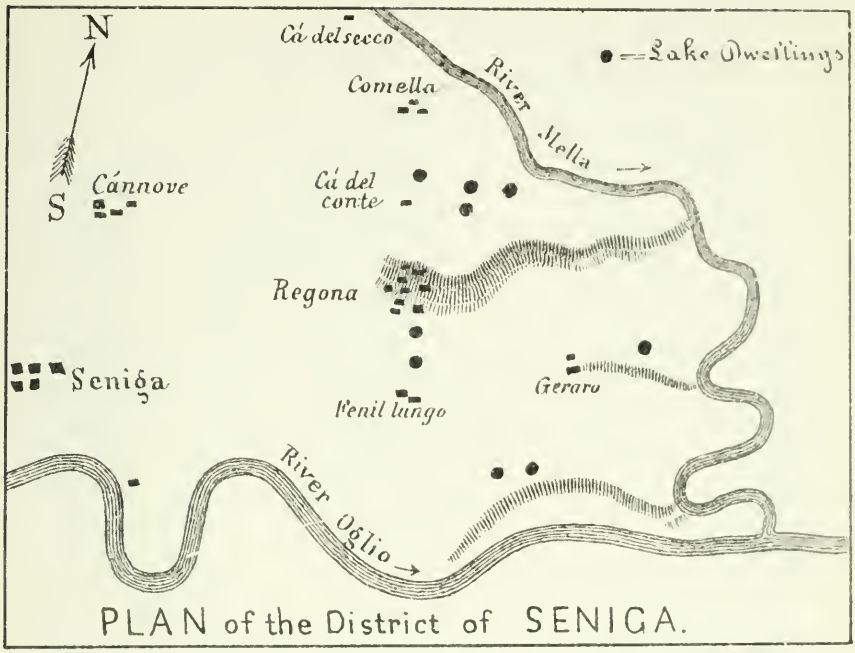
CONSTANCE

Grey Earthenware Half Size

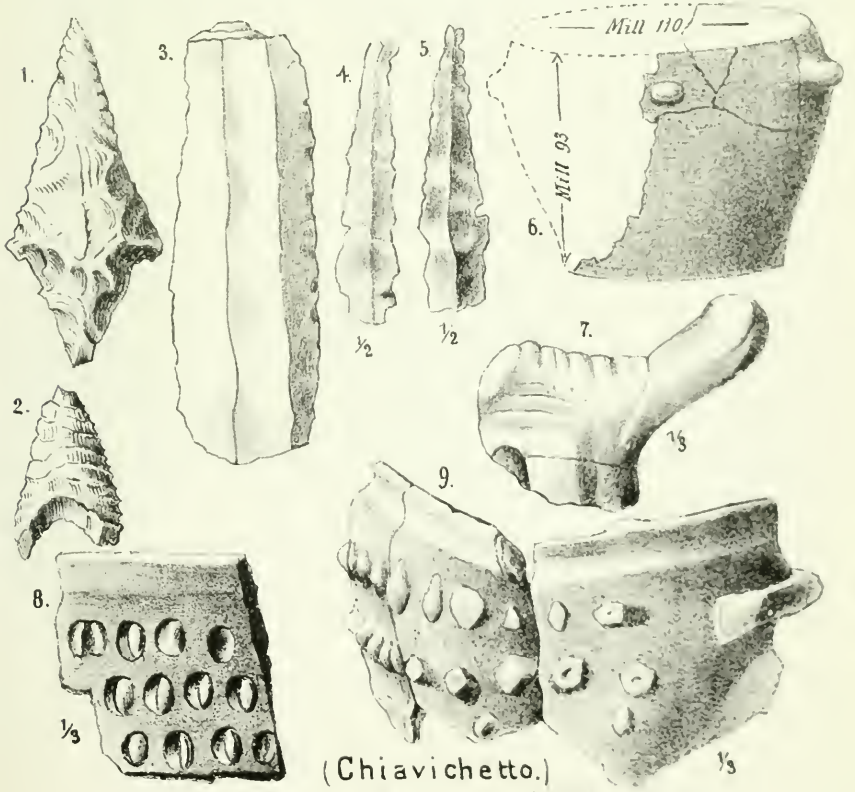


CONSTANCE.

Half Size.



PLAN of the District of SENIGA.

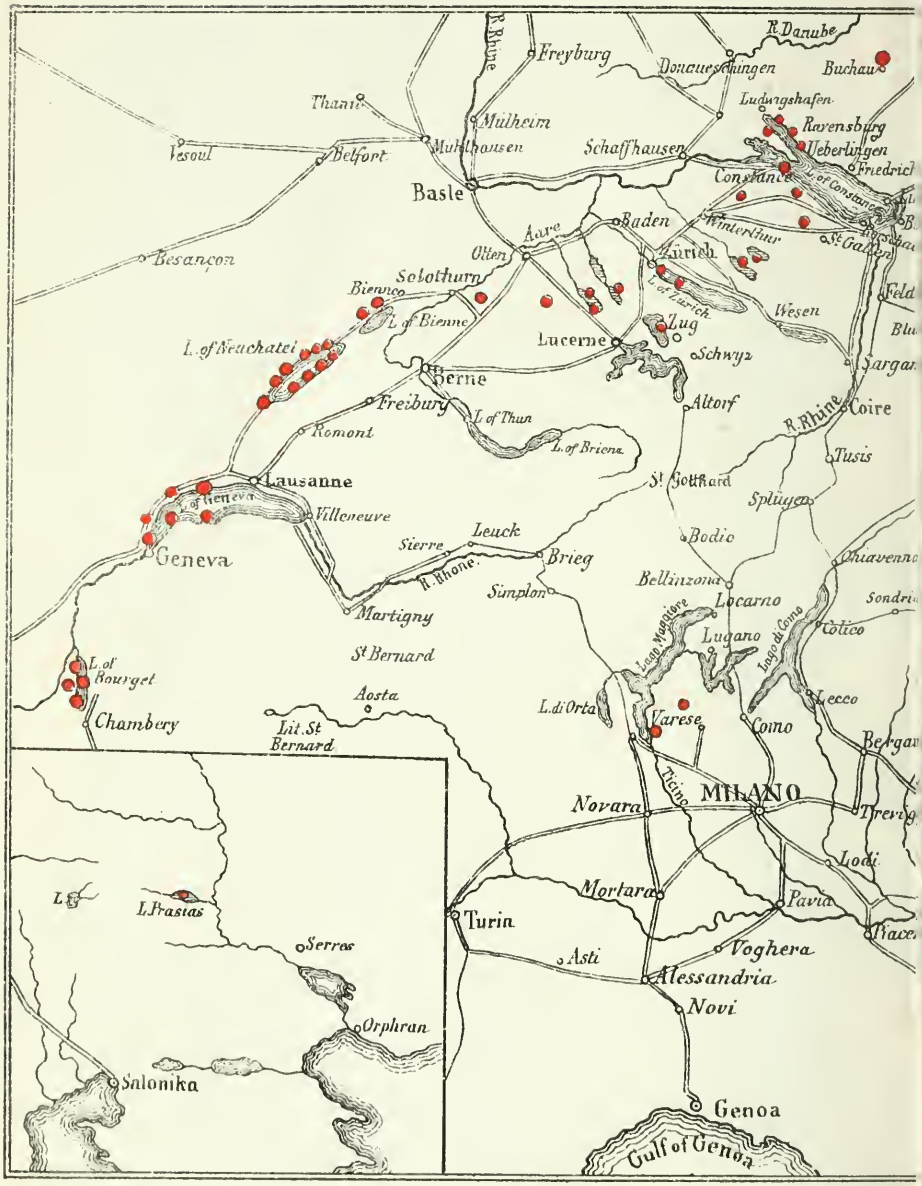


(Chiavichetto.)

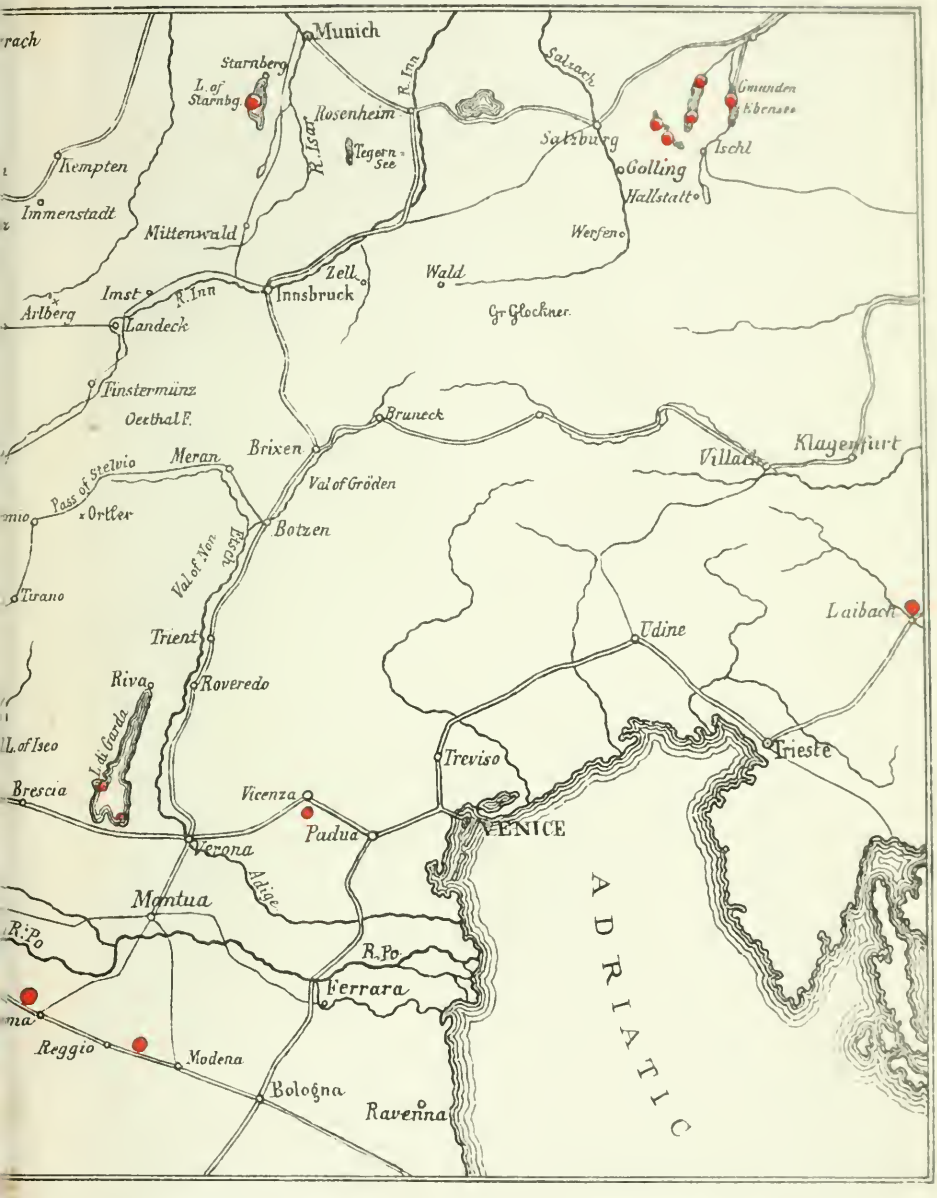
TERRA MARA OF SENIGA

LAKE DWELLINGS IN LAKE MOHRYA.
(Central Africa.)
copied from Capt.n Cameron's "Across Africa."

GENERAL PLAN OF THE



NB. The Terraznara Settlements are not included. The Red marks



dicate Pile Settlements both in the Lakes and in Peat Moors.

ailways.

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